



**Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation  
CADWM Wing**

**User Manual  
Samridhi Management Information System  
(SMIS)**

**<https://cadwm.gov.in/>**

**Modernization of Command Area Development & Water  
Management (M-CADWM) Scheme**

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## List of Abbreviations

<b>Abbreviation</b>	<b>Full Form</b>
SMIS	Samridhi Management Information System
M-CADWM	Modernization of Command Area Development & Water Management
NPMU	National Programme/Project Management Unit
SLSC	State Level Steering Committee
SPMU	State Project Management Unit
DLIC	District Level Implementation Committee
PIA	Project Implementation Authority
FRA	Farmer Relationship Agency
WUS	Water User Society
ISP	Irrigation Service Provider
DCF	DDR Consultant Firm
UMS	User Management System
DMS	Document Management System
CMS	Cluster Management System
CCA	Culturable Command Area
OTP	One-Time Password
R1	Role Level 1
R2	Role Level 2
R3	Role Level 3
R4	Role Level 4
R5	Role Level 5
GeoJSON	Geographic JavaScript Object Notation

## **1. About Samridhi Management Information System (SMIS)**

### **1.1 Background**

The Samridhi Management Information System (SMIS) is an online system developed to support the implementation of the M-CADWM (Modernization of Command Area Development & Water Management) scheme under the Ministry of Jal Shakti.

The system provides a structured digital platform to manage scheme activities across different administrative levels, namely Centre, State, District, and Cluster. It enables users to register, upload documents, create and monitor clusters, and view dashboards in a role-based manner. Each action performed in the system follows an approval process based on the user's assigned role.

### **1.2 Purpose of SMIS**

SMIS can be used for:

- Manage user registrations and role-based access
- Upload and approve scheme-related documents
- Create and monitor cluster infrastructure layouts
- Update physical & financial progress
- Dashboards for scheme monitoring

The system ensures that all the approved activities are logged with defined user- based roles.

### **1.3 Scope of the System**

SMIS supports the following major functional areas:

- a) User Management System (UMS)
- b) Document Management System (DMS)
- c) Cluster Management System (CMS)
- d) My Dashboard
- e) Cluster Layout
- f) Key Status

Each module serves a specific purpose and is accessible based on the user's role and administrative privileges.

### **1.4 Participating Entities**

SMIS be used by the following user types:

- National Programme/Project Management Unit (NPMU)
- State Level Steering Committee (SLSC)
- State Project Management Unit (SPMU)
- District Level Implementation Committee (DLIC)

- Project Implementing Authority (PIA)
- Farmer Relationship Agency (FRA)
- Water User Society (WUS)
- Irrigation Service Provider (ISP)
- DDR Consultant Firm (DCF)

Each user entity has defined responsibilities within the scheme with corresponding access rights within the system.

## 1.5 Governance Structure in SMIS

The SMIS has the following four administrative levels:

- Centre
- State
- District
- Cluster

Data is generally created at the Cluster level and moves upward through District and State levels to the Centre through an approval process. However, the information flow can be bi-directional.

Users can only access information that is relevant to their assigned level and role. The system does not allow cross-level or cross-jurisdiction access unless specifically permitted.

## 2. Administrative Hierarchy

The various roles user the SMIS are as under:

Level	Entity	Role Scope
Center	NPMU	R5, R4, R3, R2, R1
State	SLSC	R5
	SPMU	R4, R3, R2, R1
District	DLIC	R5, R4, R3, R2, R1
Cluster	PIA	R4, R3, R2, R1
	ISP	R3, R2, R1
	WUS	R3, R2, R1
	FRA	R3, R2, R1
	DCF	R3, R2, R1

**Table 2.1: Administrative hierarchy**

### 2.1 Central Level (Centre)

At the Central level, the NPMU oversees the implementation of the scheme across all States.

Within SMIS, the NPMU can oversee the implementation of the scheme for all the States, Districts, and Clusters. It can view consolidated data, monitor financial progress, review infrastructure implementation status, and access system-wide dashboards.

Certain roles at this level are responsible for approving submissions routed upward through the system. The Central level also manages consolidated financial progress and monitoring.

## 2.2 State Level

At the State level, the SPMU coordinates scheme implementation within its respective State.

In SMIS, SPMU users can access data related only to their State. They can review submissions from Districts and Clusters within their jurisdiction and participate in the approval workflow as per their assigned role.

SPMU users are also responsible for updating certain periodic data, reviewing district/cluster level progress, and ensuring that implementation is monitored within the State.

## 2.3 District Level

At the District level, the DLIC supervises cluster-level execution within the district.

In the system, District users can access information related only to their assigned district. They review and monitor submissions coming from Cluster entities within that district.

District-level roles participate in approval workflows and ensure that cluster-level data and documents are reviewed before escalating to higher levels.

## 2.4 Cluster Level

The Cluster level is the primary execution level of the scheme. It includes the following entities:

- Project Implementation Authority (PIA)
- Farmer Relationship Agency (FRA)
- Water User Society (WUS)
- Irrigation Service Provider (ISP)
- DDR Consultant Firm (DCF)

Cluster-level entities are responsible for uploading documents, updating infrastructure data, entering progress information, and participating in workflow approvals as per their role.

Certain cluster entities operate under supervisory control. For example, some entities can route submissions only to their designated supervising authority within the system.

## 2.5 Data Flow Within the System

Data entry generally originates at the Cluster level. After submission, it moves upward through Cluster Level and District Level to State level and finally to the Centre.

Each submission follows a pre-defined route based on the user's assigned role. Approval authority is determined by the role hierarchy within the respective entity. All the approved actions are logged in the system with timestamps and user details to ensure traceability.

## 3. Role Framework & Approval Model

SMIS operates through a structured role-based access system. Every user in the system is assigned a specific role at the time of registration or account creation. The role determines what actions the user can perform, what data they can access, and where they stand in the approval process.

Roles are defined uniformly across all entities and administrative levels. This ensures consistency in workflow and accountability throughout the system.

### 3.1 Role Structure

The system uses five role levels:

Role	Functional Position	Authority Type
R1	Executing Authority	Data Entry / Upload
R2	Checking Authority	Check
R3	Reviewing Authority	Check & recommend
R4	Approving Authority	Final Approval
R5	Overseeing Authority	View Only

**Table 3.1.1: User Role Classification and Authority Matrix**

Each role has clearly defined permissions. Users cannot perform actions outside their assigned authority.

### 3.2 Functional Responsibilities by Role

- R1 users are responsible for entering data, uploading documents, and initiating submissions. They cannot approve or recommend records.
- R2 users review submissions made by R1 users. They can check records and forward them for further review but cannot approve them.
- R3 users review records after R2 and can recommend them for final approval. They cannot perform final approval.
- R4 users are the final approving authority within the workflow. Once R4 approves a submission, it is considered final within that entity level. In certain modules, OTP authentication is required at this stage to confirm approval.
- R5 users have view-only access. They can see data and dashboards but cannot modify, upload, or approve any records.

Role	Upload	Check/ Comment	Recommend	Approve	View
R5	No	No	No	No	Yes
R4	Yes	Yes	Yes	Yes	Yes
R3	Yes	Yes	Yes	No	Yes
R2	Yes	Yes	No	No	Yes
R1	Yes	No	No	No	Yes

**Table 3.2.1: User Role Functional Responsibilities Matrix**

### 3.3 Approval Workflow

Every submission in the system follows a structured approval path based on the role of the user who initiated it.



If a submission is initiated by:

- R1 → It moves to R2 for review, then to R3 for recommendation, and finally to R4 for approval.
- R2 → It moves to R3 for review and then to R4 for approval.
- R3 → It moves directly to R4 for approval.
- R4 → It may be directly approved.

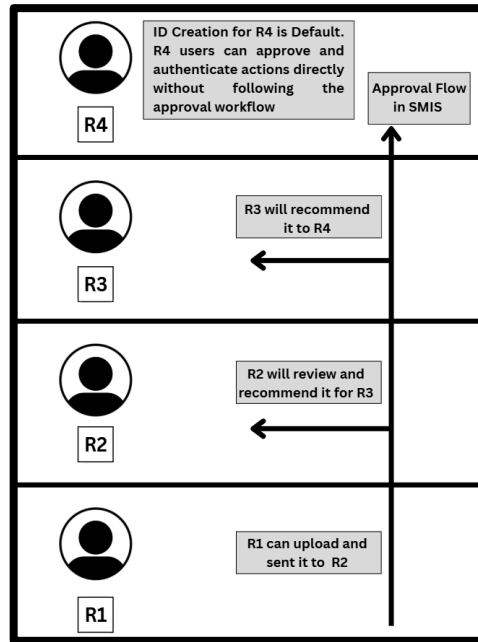


Figure 3.3.1: Role-Based Approval Workflow in SMIS

The system does not allow users to skip levels in the workflow, except for the R4 role, R4 user can approve and authenticate actions directly without following the approval workflow.

### 3.4 Entity-Specific Approval Conditions

In certain cases, final approval authority is assigned to a supervisory entity. As in the cases:

- Submissions from ISP and DCF entities are finally approved by the designated R4 of PIA.
- Submissions from FRA and WUS entities are finally approved by the designated R4 of DLIC.

This ensures that supervisory control is maintained within the administrative structure.

### 3.5 Workflow Rules

The following rules apply across modules:

- Users cannot approve their own submissions unless they are designated as R4 and module rules permit direct approval.
- Submissions move upward in the workflow hierarchy.
- Once approved by R4, the decision is considered final within that workflow stage.
- R5 users can monitor the workflow processes.
- All workflow actions are recorded in the system with timestamps and user details.

These rules ensure accountability and structured decision-making.

#### 4. User Registration & Login

Every user must complete the registration process by himself / herself through the portal, depending on the role assigned or created by the system administrator. The registration process ensures that only authorized individuals from the respective entities gain access to the system. Approval of registration follows the defined role hierarchy and becomes active only after final approval.

##### 4.1 Registration Process

Users who are required to register must follow the steps below.

##### 4.2.1 Steps to Register

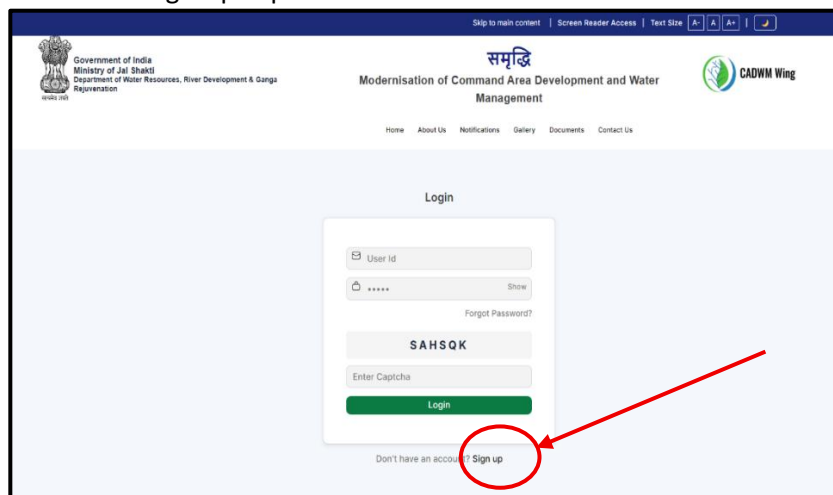
I. Open the official website: <https://cadwm.gov.in/>

II. Click on the “Login” button.



**Figure 4.2.1.1: Login Access Points on M-CADWM Portal Homepage**

III. Select the “Sign Up” option.



**Figure 4.2.1.2: New User Registration (Sign Up) Option on M-CADWM Portal**

IV. Select the appropriate administrative level form for Registration:

The screenshot shows a 'Registration' form with a 'Not Saved' indicator. At the top, there are four tabs: 'Central', 'State', 'District', and 'Cluster'. The 'Cluster' tab is selected and highlighted with a red box. A callout points to this tab with the text: 'Select the appropriate administrative level form for Registration'. Below the tabs, the form is divided into several sections. The first section, outlined in red, contains 'Full Name \*', 'Email \*', 'DOB', 'Mobile Number', 'Password \*', and 'Confirm Password \*'. A callout points to this section: 'Fill in the required personal details'. The second section, also outlined in red, contains 'Entity \*', 'State \*', 'Role \*', 'District \*', 'Designation', 'Cluster Name', and 'Approval Authority \*'. A callout points to this section: 'Select the appropriate role and geographic details'. The third section, outlined in red, contains 'Captcha Input \*' with the text 'A A W V D 8' and a redacted area. A callout points to this section: 'Fill in the appropriate Captcha'. At the bottom right, there are two buttons: 'Discard' and 'Save'. A callout points to these buttons: 'Click on Save to register or Discard to clear the form'.

Figure 4.2.1.3: User Registration Form

Field	Type	Description	Validation Rules
<b>Name</b>	Text	Name of the user as per official records	Alphabetic; spaces allowed
<b>Email</b>	Email	Official email ID used as login username	Valid email format; must be unique
<b>DOB</b>	Date Picker	Date of birth of the user	Valid system date format
<b>Mobile Number</b>	Numeric	Contact number for communication/OTP	10-digit numeric
<b>Password</b>	Password	User login password	Must satisfy system password policy
<b>Confirm Password</b>	Password	Re-entry of password	Must match Password field

<b>Registration Level Tabs</b>	Tab Selector	Yes	Selection of administrative hierarchy: Central / State / District / Cluster
<b>Entity</b>	Dropdown	Yes	Organizational Entity to which the user belongs
<b>State</b>	Dropdown	Yes	State under which district falls
<b>District</b>	Dropdown	Yes	District where user operates
<b>Cluster Name</b>	Multi-select Dropdown / Search	Conditional	Cluster(s) mapped to district
<b>Role</b>	Dropdown	Yes	Functional role within district entity
<b>Designation</b>	Text	Yes	Official role/title of the user
<b>Approval Authority</b>	Dropdown	Yes	Select the competent officer authorized to approve the registration

**Table 4.2.1.1: User Registration Field Specifications and Validation Matrix**

## 4.2 Geographic and Entity Mapping

During registration, users must select their administrative level and provide correct geographic details. The system activates fields in a dependent manner. For example, District options become available only after selecting the State. Cluster options are populated based on the selected District.

Users must ensure that the information entered matches their official jurisdiction. Cross-state, cross-district, or unauthorized cluster mapping is not permitted.

The role dropdown options are automatically populated based on the selected entity and level.

## 4.3 Registration Approval Process

After submission, the registration request moves into the approval workflow.

The routing depends on the role selected during registration:

- If registering as R1 → The request moves to R2, then R3, and finally R4 for approval.
- If registering as R2 → The request moves to R3 and then R4.
- If registering as R3 → The request moves directly to R4.

The account becomes active only after final approval by the designated R4 authority.

If the request is rejected at any stage, the user must correct the details and resubmit, if permitted.

## 4.4 Account Activation

Once the designated R4 approves the registration:

- The user account becomes active immediately.
- Access rights are automatically applied based on the assigned role.
- The user can log in and access permitted modules.

No separate manual activation is required after final approval.

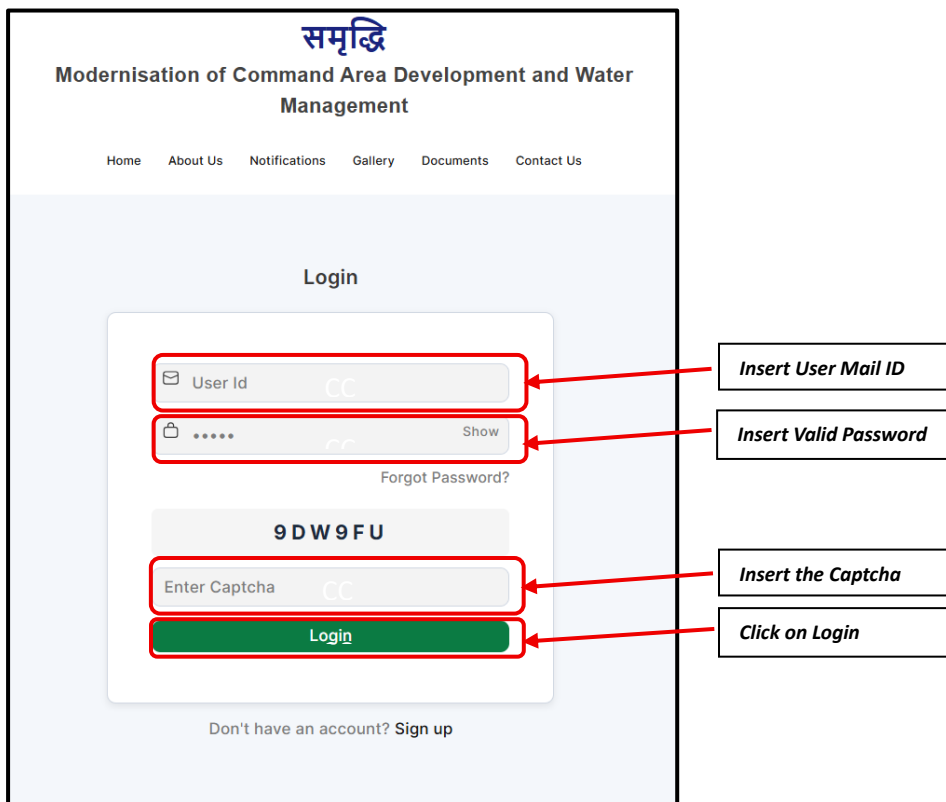
## 4.5 Login Process

All users access the system through a common login page.

### 4.5.1 Steps to Login

- I. Click on “Login” on the homepage.
- II. Enter the registered Email ID.
- III. Enter the Password.
- IV. Enter the Captcha code.
- V. Click “Login.”

If the credentials are correct and the account is approved and active, the system redirects the user to the appropriate dashboard based on their role and level.



The screenshot shows the login page for the Samridhi Management Information System (SMIS). The page title is "समृद्धि Modernisation of Command Area Development and Water Management". The navigation menu includes Home, About Us, Notifications, Gallery, Documents, and Contact Us. The main heading is "Login". The form contains the following elements:

- User Id:** A text input field with a mail icon and a "CC" button. An annotation box labeled "Insert User Mail ID" points to this field.
- Password:** A text input field with a lock icon, a "Show" button, and a "CC" button. An annotation box labeled "Insert Valid Password" points to this field.
- Forgot Password?:** A link below the password field.
- Captcha:** A text input field with the text "9DW9FU" above it and a "CC" button. An annotation box labeled "Insert the Captcha" points to this field.
- Login:** A green button with the text "Login". An annotation box labeled "Click on Login" points to this button.
- Sign up:** A link at the bottom of the form that says "Don't have an account? Sign up".

**Figure 4.5.1.1: User Login Form**

Field	Type	Description	Validation Rules
User Id	Text / Email	Yes	Registered email ID used during registration
Password	Password	Yes	User account password
Captcha Code (Displayed)	Auto-generated	Yes	Random alphanumeric security string
Enter Captcha	Text	Yes	User input for captcha

**Table 4.5.1.1: Fields for User Registration Form**

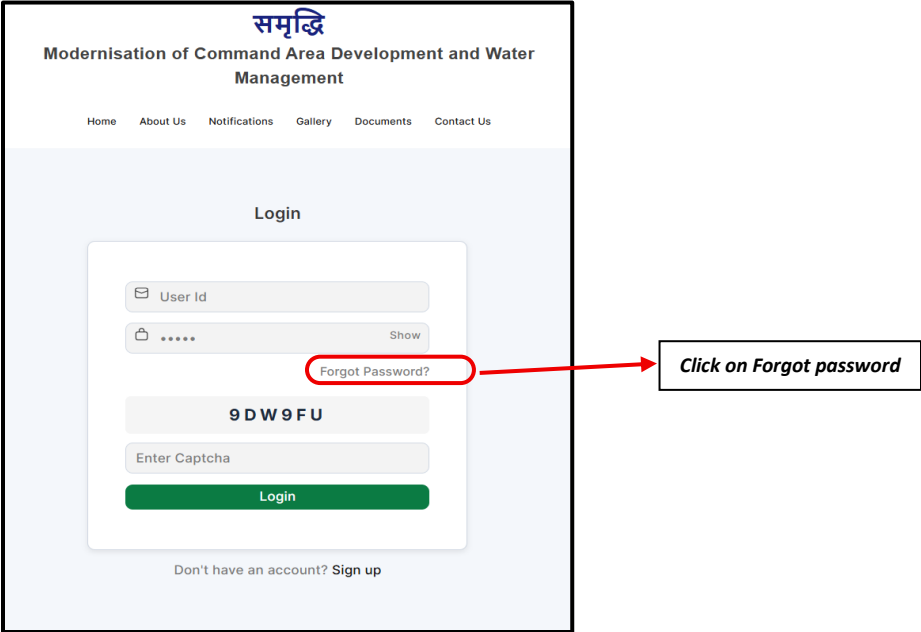
## 4.6 Password Reset

If a user forgets the password, the password can be reset through the “Forgot Password” option.

### 4.6.1 Steps to Reset Password

- I. Click on “Forgot Password.”
- II. Enter the registered Email ID.
- III. Click on Reset Password.
- IV. Complete the OTP verification.
- V. Set a new password.
- VI. Confirm and submit.

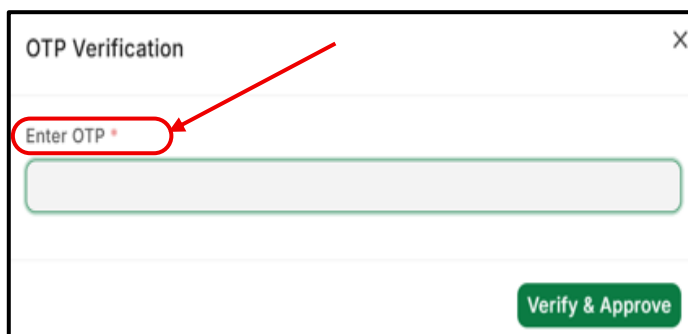
The new password must comply with the system’s password policy.



The screenshot shows the login interface of the SMIS system. At the top, it displays the logo 'समृद्धि' and the title 'Modernisation of Command Area Development and Water Management'. Below this is a navigation menu with links for Home, About Us, Notifications, Gallery, Documents, and Contact Us. The main heading is 'Login'. The login form contains several fields: 'User Id' with an envelope icon, a password field with a lock icon and a 'Show' button, a 'Forgot Password?' link circled in red, a CAPTCHA field displaying '9DW9FU', and an 'Enter Captcha' field. A green 'Login' button is at the bottom of the form. Below the form, there is a link: 'Don't have an account? Sign up'. A red arrow points from the 'Forgot Password?' link to a callout box containing the text 'Click on Forgot password'.



**Figure 4.6.1.1: Forgot Password Access on M-CADWM Portal Login Interface**



**Figure 4.6.1.2: OTP Verification Interface for Password Reset**

Field	Type	Description	Validation Rules
<b>Email Address</b>	Text / Email	Yes	Registered email ID used during registration
<b>Password</b>	Password	Yes	User account password
<b>Confirm New Password</b>	Password	Re-entry of password	Must match Password field

**Table 4.6.1.2: Fields for Password Reset Form**

#### 4.7 Login Restrictions and Controls

Only approved and active accounts can log in. If login credentials are incorrect, the system displays an error message. All the activities are logged for security purposes.

## 5. User Management System (UMS)

The User Management System (UMS) is the module through which user registrations are reviewed and approved. It is accessible only to users who have approval authority based on their assigned role. User's approving authority is dynamically fetched so user will be directly able to see his reporting officer as the approver.

UMS ensures that registrations are verified at the appropriate level before access is granted. It maintains a complete record of actions taken during the approval process, including comments and timestamps.

### 5.1 Purpose of UMS

The primary purpose of UMS is to manage the user accounts. This includes reviewing registration requests, approving or rejecting them, and maintaining log records.

UMS supports structured movement of registration requests according to the defined role hierarchy. It does not allow unauthorized approval or bypass of workflow stages.

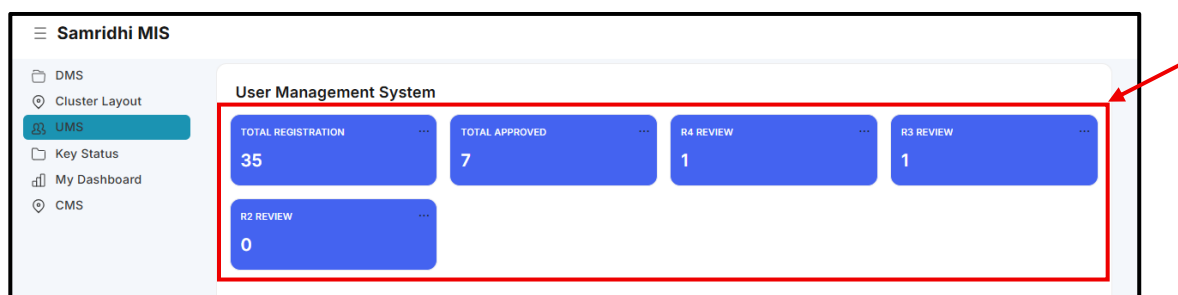
### 5.2 Access to UMS

Only users with reviewing or approving authority (R2, R3, and R4 roles) can access and act within UMS. R1 users and R5 users do not have approval rights.

The actions available to a user depend on their assigned role. The system automatically displays the options permitted for that role.

### 5.3 Viewing Registration Requests

After logging in, users with approval authority can access the UMS module from the main menu.



**Figure 5.3.1: User Management System Registration and Approval Status Interface**

The UMS dashboard displays summary information such as:

- Total registration requests
- Pending requests
- Total Registration pending under R4, R3 & R2

To review individual registrations, the user must open the registration list.



### 5.3.1 Steps to View Registration Requests

- I. Click on the User Management System (UMS) module.
- II. Click on the relevant approval card to view user registration records list. Refer Figure 5.3.1. Then it opens the below:

ID	Status	Designation	Full Name	Role
<input type="checkbox"/> USER-000256	NPMU Rejected	DD	NPMU.R1MCAD	NPMU-R3
<input type="checkbox"/> USER-000257	NPMU Approved	DD	NPMU.R3MCAD	NPMU-R3
<input type="checkbox"/> USER-000258	NPMU Approved	AD	NPMU.R2MCAD	NPMU-R2
<input type="checkbox"/> USER-000259	NPMU Approved	SO	NPMU.R1MCAD	NPMU-R1
<input type="checkbox"/> USER-000281	NPMU R4 Review	ce	suneel kumar	NPMU-R1
<input type="checkbox"/> USER-000282	NPMU Approved	se	manoj k	NPMU-R2
<input type="checkbox"/> USER-000283	NPMU Approved	se	ramesh k	NPMU-R2
<input type="checkbox"/> USER-000287	NPMU R2 Review	AD	NPMU.R11MCAD	NPMU-R1

Figure 5.3.1.1: User Registration Records: Status Monitoring Interface

- III. Use filters, if required, to search a record by Full Name.
- IV. Click on the specific registration record to open it.

### 5.3.2 Reviewing a Registration Record

When a registration record is opened, the system displays the details submitted by the applicant. These include:

- Personal details
- Email ID
- Role requested
- User Entity and cluster / district / State details
- Designation
- Approval authority selected
- Registration timestamp

The record also includes an activity section showing previous actions, comments, and status updates. The reviewing officer must verify that all information is correct and aligned with the user’s official position and jurisdiction.



**USER-000266** NPMU Rejected

Full Name \*  
NPMU.R1MCAD

State  
District  
DOB  
2026-02-01

Designation  
DD

Entity  
NPMU

Role  
NPMU-R3

Mobile Number  
1111111111

Email \*  
npmu.r1mcad@gmail.com

Cluster Name

**Comments**  
N Type a reply / comment

**Activity**  
N NPMU.R1MCAD commented - 2 weeks ago  
@NPMU.R2MCAD @NPMU.R3MCAD plz signg this

*Displays the current approval status of the user registration request*

*Shows the complete registration details submitted by the user, including personal, role and administrative information*

*Enables reviewing officers to add remarks or clarification related to the registration request by using @ in comment and tagging*

*Displays the chronological log of actions and communications related to the registration*

Figure 5.3.2.1: User Registration Detail View with Status, Comments and Activity Log

### 5.3.3 Actions Available in UMS

The available action buttons depend on the reviewer's role.

- R2 can check and forward the request.
- R3 can review and recommend the request.
- R4 can approve or reject the request.

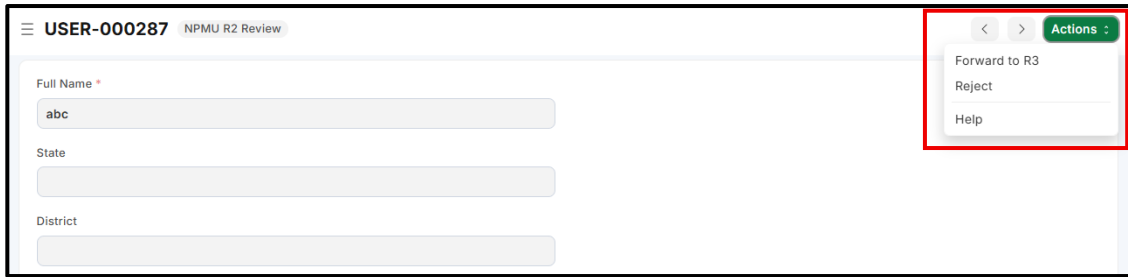
R1 users do not have access to approval actions. R5 users have view-only access.

**USER-000281** NPMU R4 Review

Full Name \*  
abc

State  
District

Actions  
Approve  
Reject  
Help



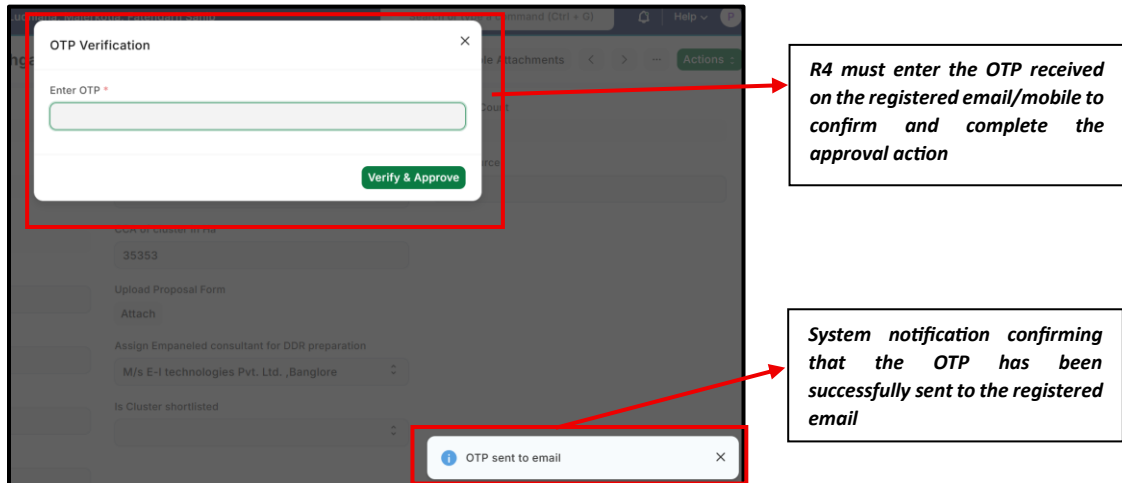
**Figure 5.3.3.1: User Registration Review Screen: Action Menu (Approve/Reject/Forward)**

## 5.4 Approval Process

After reviewing the details, the reviewing officer must choose the appropriate action.

### 5.4.1 Steps to Take Action on a Registration

- I. Open the registration record. Refer figure 5.3.1 & figure 5.3.1.1
- II. Review all submitted details & Enter comments, if required. Refer figure 5.3.2
- III. Click on the appropriate action: Refer figure 5.3.3.1
  - Forward / Recommend (as applicable)
  - Approve (R4 only)
  - Reject (if required)
- IV. R4 needs to do OTP Authentication once approved to confirm the action of activating the user account.



**Figure 5.4.1.1: OTP Verification to complete the Approval Action**

If rejected, the reason for rejection should be clearly mentioned in the comments section.

Once approved by R4, the account becomes active automatically.

## 5.5 Activity Log



Figure 5.5.1: User Registration Review Screen: Action Menu (Approve/Reject/Forward)

Every action performed within UMS is recorded in the system. The activity log includes:

- Date and time of action
- Role of the user who performed the action
- Comments entered
- Status change

This ensures transparency and traceability of decisions.

## 5.6 Notifications

The system generates notifications when:

- A notification is sent to the concerned authority informing them that a new registration/application has been submitted and requires review or action.
- The concerned user at the next approval level receives a notification indicating that a request has been forwarded to them for further processing.
- The applicant and relevant officials are notified that the request has been approved and successfully processed.
- The applicant and concerned officials receive a notification indicating that the request has been rejected. The rejection remarks (if provided) will also be visible.
- The tagged user receives a notification informing them that they have been mentioned in a comment and may need to respond or take action.

## 6. Document Management System (DMS)

The Document Management System (DMS) is used to upload, review, approve, and share scheme-related documents across different administrative levels. It allows controlled exchange of documents between Centre, State, District, and Cluster entities according to defined role permissions.

DMS is not only a storage space. Every document uploaded in the system follows a structured approval workflow before it becomes visible to the selected recipient entities.

### 6.1 Purpose of DMS

The purpose of DMS is to ensure that official documents related to the scheme are:

- Uploaded in a structured manner
- Reviewed and approved by authorized officers
- Shared only with permitted entities
- Log document history

The system maintains control over document visibility and prevents unauthorized sharing across jurisdictions.

### 6.2 Access to DMS

All registered users can access the DMS module based on their role. However, the actions available to them depend on their assigned authority. Refer Table 3.2.1

- R1 users can upload documents.
- R2 users can upload & review documents.
- R3 users can upload, review and recommend documents.
- R4 users can directly upload, review & approve documents.
- R5 users have view-only access.

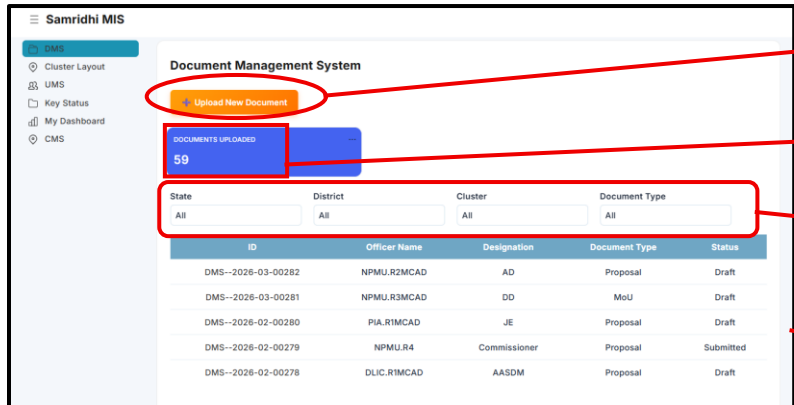
Only documents that are approved by the designated R4 authority become visible to the selected recipient entities.

### 6.3 Uploading a Document

Users can upload a document through the DMS module.

#### 6.3.1 Steps to Upload a Document

- I. Click on the Document Management System (DMS) module.
- II. Click on "Upload New Document."
- III. Select the Document Type from the dropdown list.
- IV. Upload the file.
- V. Enter a brief description of the document.
- VI. Select the entities with whom the document needs to be shared.
- VII. Click "Save".
- VIII. The document enters the Approval Workflow after saving it.



**Document Management System**

Upload New Document

DOCUMENTS UPLOADED: 59

State: All | District: All | Cluster: All | Document Type: All

ID	Officer Name	Designation	Document Type	Status
DMS--2026-03-00282	NPMU.R3MCAD	AD	Proposal	Draft
DMS--2026-03-00281	NPMU.R3MCAD	DD	MoU	Draft
DMS--2026-02-00280	PIA.R1MCAD	JE	Proposal	Draft
DMS--2026-02-00279	NPMU.R4	Commissioner	Proposal	Submitted
DMS--2026-02-00278	DLIC.R1MCAD	AASDM	Proposal	Draft

Click to upload a new document into the system

Displays the total number of documents uploaded Click to see the document record list

Use filters to search and view documents based on administrative level or document

Displays the list of uploaded documents along with details such as officer name, designation, document type and status

**Figure 6.3.1.1: Document Management System (DMS): Document Upload and Listing Interface**



**New Document Upload** Not Saved Save

Document Upload Details

Officer Name: NPMU.R3MCAD | Designation: DD

Location Details

State: | District: | Cluster:

Document Details

Document Type: Proposal

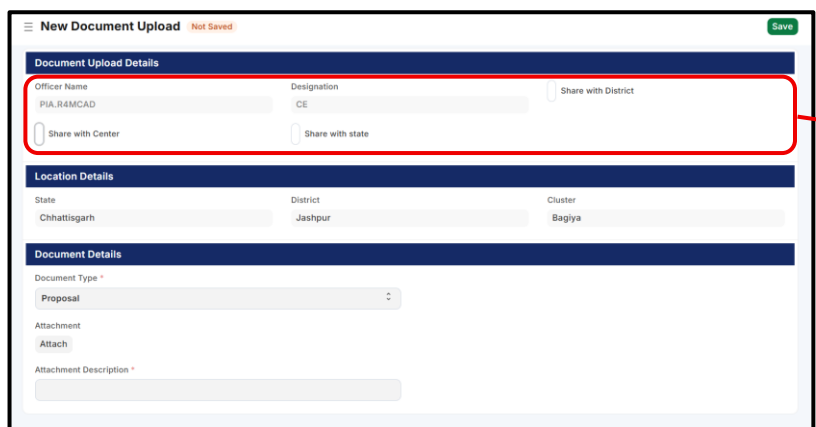
Attachment: Attach

Attachment Description: xyz

Select the applicable State, District and Cluster with whom you got share the document. Document will be shared with the respective entities only

Select document type, upload attachment and provide a brief description of the document. Select Other type and write a brief description about the document in case the desired type of document option is not present

**Figure 6.3.1.2: Document Management System (DMS): Document Upload for NPMU, SPMU and DLIC Entities.**



**New Document Upload** Not Saved Save

Document Upload Details

Officer Name: PIA.R1MCAD | Designation: CE | Share with District:

Share with Center:  | Share with state:

Location Details

State: Chhattisgarh | District: Jashpur | Cluster: Bagiya

Document Details

Document Type: Proposal

Attachment: Attach

Attachment Description:

Displays officer details and allows selection of document sharing level (Center, State or District)

**Figure 6.3.1.3: Document Management System (DMS): Document Upload for PIA/ISP/WUS/FRA/DCF Entities.**

Only permitted geographic options (State, District, Cluster) will be available for selection based on the user's level.

### 6.3.2 Document Approval Workflow

Once a document is uploaded, it follows the role-based approval process. Refer Figure 3.3.1

If uploaded by:

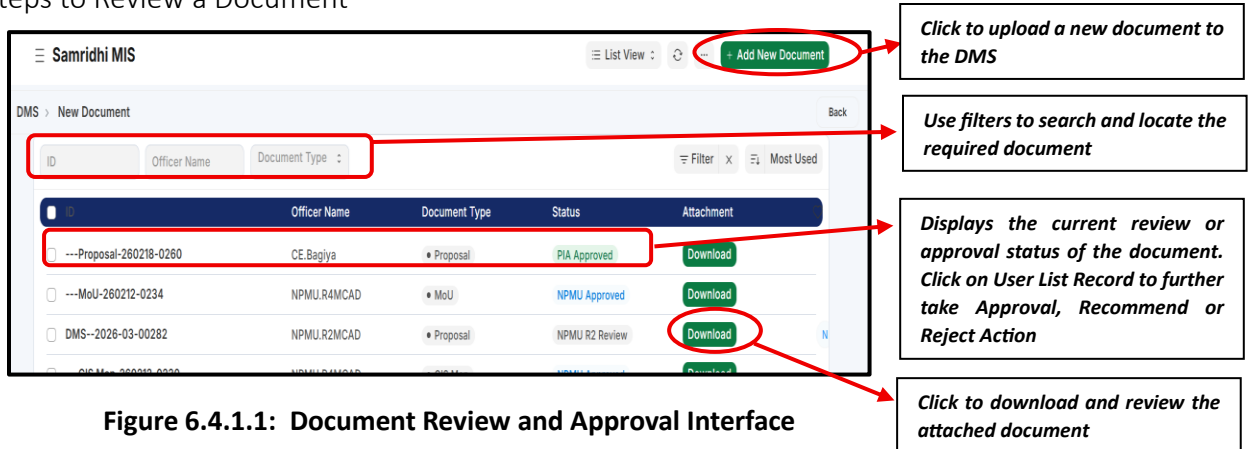
- R1 → It moves to R2, then R3, and finally to R4 for approval.
- R2 → It moves to R3 and then R4.
- R3 → It moves directly to R4.
- R4 → It may be approved directly, depending on module rules.

Final approval is granted by R4. OTP authentication is required to be done by R4 at the time of approval. Only after final approval is done the document become accessible to the selected recipient entities.

### 6.4 Reviewing and Approving Documents

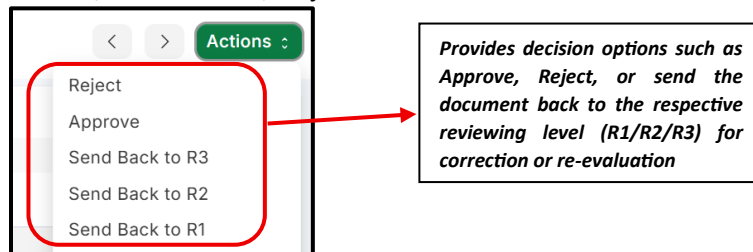
Users with reviewing authority can view pending documents in the DMS module.

#### 6.4.1 Steps to Review a Document



**Figure 6.4.1.1: Document Review and Approval Interface**

- I. Open the DMS module.
- II. Use filters to locate the pending document.
- III. Click on the document record.
- IV. Review the uploaded file and description.
- V. Enter comments, if required. Refer Figure 5.3.2.1
- VI. Click the appropriate action: Refer Figure 5.3.3.1
  - Send/ Forward / Recommend/ Reject



**Figure 6.4.1.2: Document Review Action Menu Options**

- R4 can only finally approve by doing OTP verification. Refer Figure 5.4.1.1

If rejected, the reason must be clearly recorded in the comments section. Refer Figure 5.3.2.1

## 6.5 Activity Log

Every action performed within DMS is recorded in the system. The activity log includes:

- Date and time of action
- Role of the user who performed the action
- Comments entered
- Status change

This ensures transparency and traceability of decisions. Refer Figure 5.5.1

## 6.6 Notification

The system generates notifications when:

- A notification is sent to the concerned reviewing authority informing them that a new document has been uploaded and requires review or action.
- The uploading officer and relevant authorities are notified that the document has been approved and successfully processed.
- The uploading officer and concerned authorities receive a notification indicating that the document has been rejected. Rejection remarks (if provided) are also visible in the system.
- If a document is sent back to a previous review level (R1/R2/R3), the concerned officer receives a notification to revise and resubmit the document.
- A tagged user receives a notification informing them that they have been mentioned in a comment and may need to respond or take action.

## 7. Cluster Management System (CMS)

The Cluster Management System (CMS) is used for creating cluster records, uploading finalized infrastructure layout files, and updating physical implementation progress. This module is primarily used by the Project Implementation Authority (PIA).

CMS is the source of infrastructure data used in the Cluster Layout and Cluster Monitoring dashboards. Any layout or progress update entered in CMS is reflected in the monitoring dashboards only after completion of the approval process.

### 7.1 Access to CMS

Only the users under the PIA entity can access this module. The actions available within the module depend on the assigned role (R1 to R4).

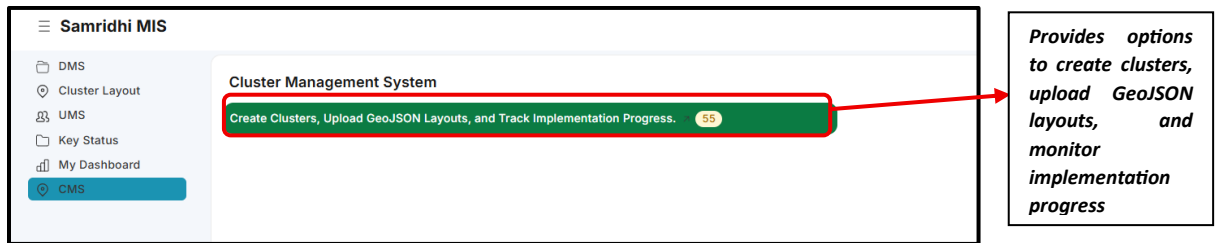
Cluster records and infrastructure updates follow the defined workflow hierarchy before they become active in the system.

## 7.2 Creating a New Cluster Record

A new cluster record must be created before uploading infrastructure layouts.

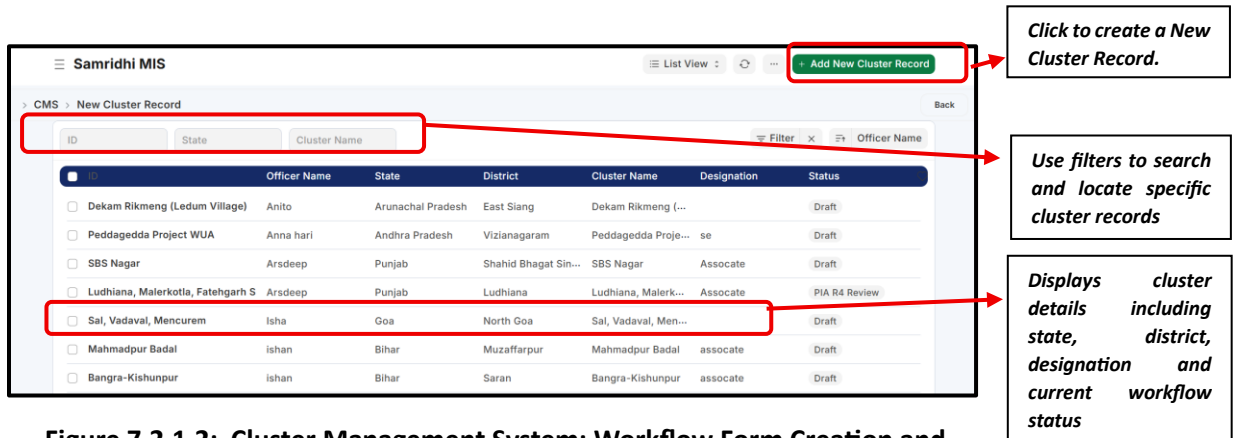
### 7.2.1 Steps to Create a Cluster Record

I. Open the CMS module.



**Figure 7.2.1.1: Cluster Infrastructure & Progress Management Home Interface**

II. Click on “Create New Cluster Record.”



**Figure 7.2.1.2: Cluster Management System: Workflow Form Creation and Record Listing**

III. Fill in the required cluster details.

IV. Upload the required GeoJSON files for infrastructure layers.

V. Perform the appropriate action using the Action Tab according to your role and approval workflow - Approve/Send o/Reject/Send Back



**Click to upload multiple GeoJSON files related to the cluster**

**Provides workflow actions to forward, review, or approve the cluster record**

**Enter and update required cluster information including location, officer details, and implementation data**

**Another option Upload GeoJSON files for cluster layout and infrastructure mapping.**

**Displays uploaded Geo JSON files with options to view or manage attachments**

**Upload and manage cluster-related images or supporting visual records**

**Add remarks or communicate with reviewing authorities regarding the cluster record using @**

**Shows a chronological record of all actions and updates made to the cluster record**

**Provides the option to recall a submitted record from the approval workflow before final approval**

Figure 7.2.1.3: CMS Workflow Form: Cluster Details Entry and Attachment Management

### 7.2.2 Uploading Infrastructure Layout (GeoJSON Files)

For each cluster, finalized GeoJSON files corresponding to the infrastructure layers must be uploaded.

The typical infrastructure layers include:

- I. Cluster Boundary
- II. Pump House
- III. Primary Pipeline

- IV. Village Management System
- V. Secondary Pipeline
- VI. Outlet Management System
- VII. Tertiary Pipeline
- VIII. 1 Ha Manual Valve
- IX. Air Management System
- X. Isolation Vave
- XI. Scour Valve
- XII. Junction
- XIII. Chak Boundary

These files are generally provided by the DDR Consultant Firm (DCF) and uploaded by the PIA. The DCF will prepare a separate GeoJSON file for each infrastructure layer. These Infrastructure layers file will be utilized for Cluster Layout Representation and Cluster Progress Update and Monitoring.

Coordinate Reference System: All spatial layers for every cluster must be submitted using a uniform Coordinate Reference System: EPSG:4326–WGS84

#### 7.2.2.1 Infrastructure Layers Component’s Attribute Table Format

<b>Attribute</b>	<b>Example</b>
Type	Primary Pipe
Name	P-280
Branch	Branch-1
Pipe Material	MS/DI/HDPE
Length (m)	600
Dia (mm)	700
HGL Start (m)	296.05
HGL End (m)	294.39
Residual Head @ Start (m)	46.25
Residual Head @ End (m)	40.77
Total Discharge (lps)	642.44
Rating/ Thickness/ Class	Thickness in mm in case MS, K7 or K9 class in case DI, PN rating

	and Pressure class in case HDPE	
No of ISV	0	
No of AV	1	
No of Sluice Valves	1	
Is Alignment is changed	Yes/No	<div style="border: 1px solid black; padding: 5px;"> <i>The fields "Is Alignment Changed" and "Erection" are mandatory for all applicable layers to enable progress tracking and implementation monitoring</i> </div>
Erection	Yes/No	

**Table 7.2.2.1.1: Example of Attributes Table for Infrastructure Layer Components**

#### Mandatory Yes/No Attributes Requirement

The attributes "Is Alignment Changed" and "Erection" shall be mandatorily included in the GeoJSON attribute table for all relevant infrastructure layers.

These fields are compulsory as they:

- Enable systematic tracking of alignment modifications.
- Facilitate monitoring of physical execution/erection status.
- Support progress validation and implementation monitoring.
- Ensure uniform reporting across all clusters.

Records without these mandatory Yes/No fields shall be treated as incomplete and may not be considered for final approval. Only exceptions are Chak Boundary, Cluster Boundary and Junction Infrastructure layers whose components are not required the Yes/No fields.

If updates are required later, specific GeoJSON files can be deleted and re-uploaded before final approval.

### 7.2.3 Approval of Cluster Record

Cluster record approval follows the defined role hierarchy. Refer Figure 3.3.1

- R1 → Moves to R2, then R3, and finally R4.
- R2 → Moves to R3, then R4.
- R3 → Moves directly to R4.
- R4 → May approve directly, if permitted.

At the final approval stage (R4), OTP authentication is required. After approval, the cluster layout becomes visible in the monitoring dashboards. Refer Figure 5.4.1.1

### 7.3 Viewing Cluster Records and features

Users can view existing cluster records in the CMS module. Refer Figure 7.2.1.2 & Figure 7.2.1.3

Each record allows access to Cluster details, Uploaded GeoJSON files, Infrastructure layer list, Monitoring view, Cluster Map view, Add Multiple GeoJSON files, Activity Log Comments and Tagging.

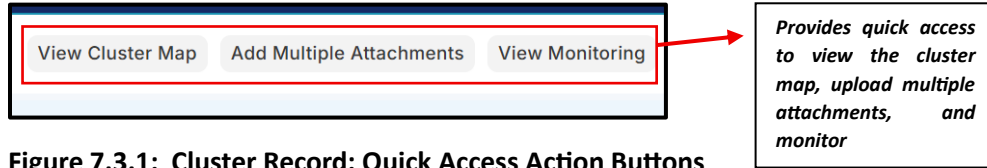


Figure 7.3.1: Cluster Record: Quick Access Action Buttons

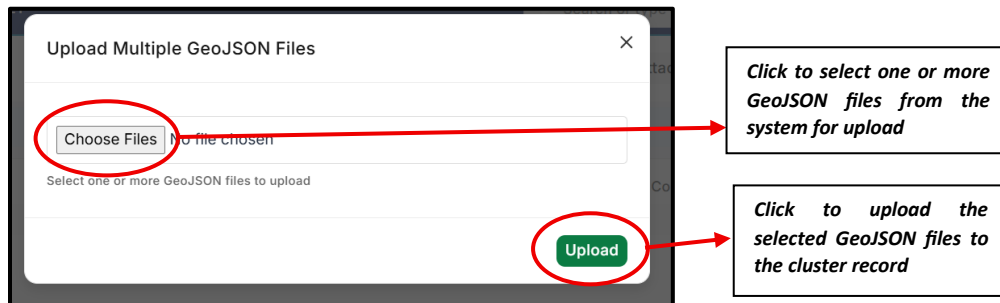


Figure 7.3.2: Upload Multiple GeoJSON Files Interface

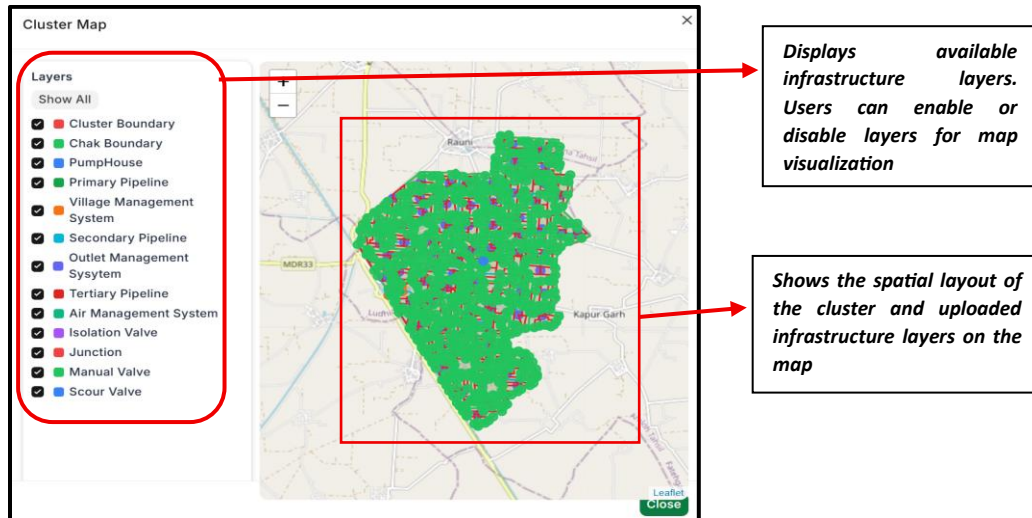


Figure 7.3.3: Cluster Map View: Infrastructure Layers Visualization Interface

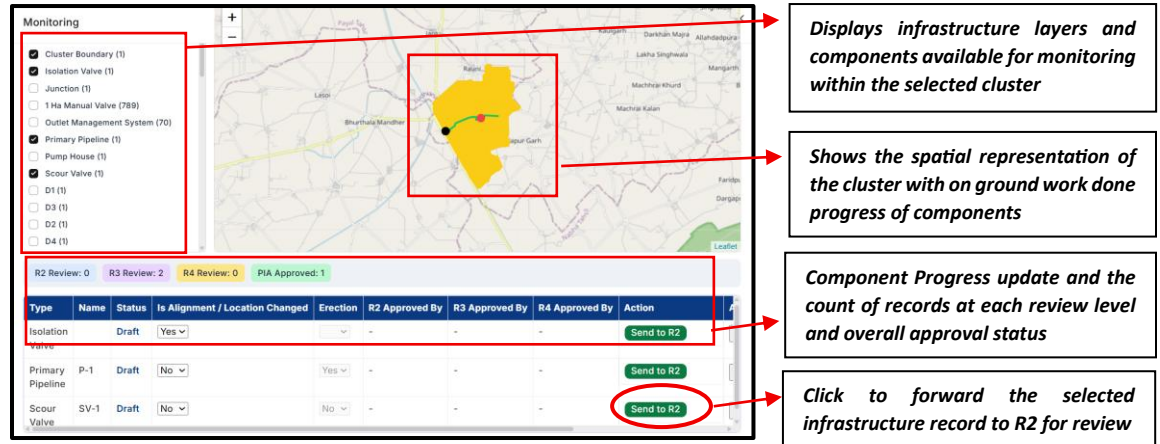


Figure 7.3.4: Cluster Monitoring Interface: Layer Status and Workflow Actions

Users can also recall a submission before final approval.

### 7.4 Updating Infrastructure Progress

Once the cluster layout is approved, progress of individual infrastructure components can be updated.

Each infrastructure layer contains multiple components. Progress must be updated component-wise.

#### 7.4.1 Steps to Update Progress

- I. Open the CMS module. Refer Figure 7.2.1.1
- II. Select the relevant cluster record. Refer Figure 7.2.1.2
- III. Click on “View Monitoring.” Refer Figure 7.3.1
- IV. Select the infrastructure layer. Refer Figure 7.3.4
- V. For each component:
  - Indicate whether alignment/location has changed.
  - Indicate whether erection/implementation is completed.

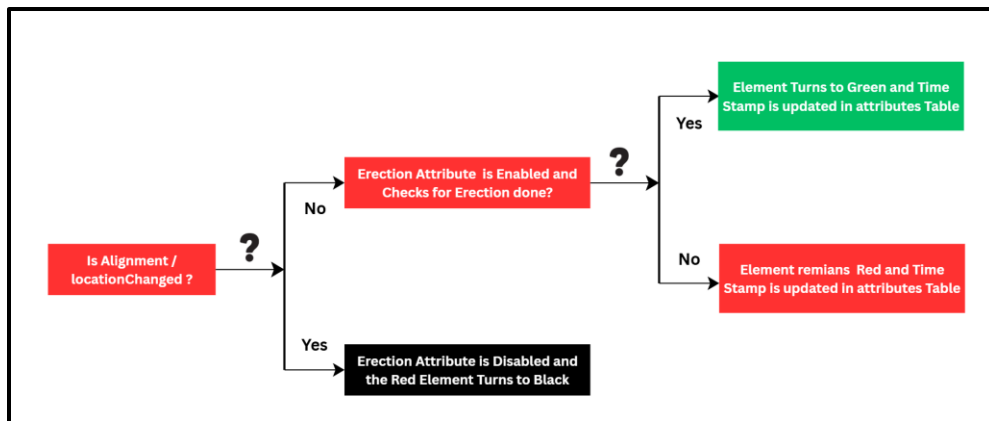


Figure 7.4.1.1: Infrastructure Element Status Logic Based on Alignment and Erection Attributes

- VI. Option to Upload supporting image(s) for the component's work done.
- VII. Click "Save."
- VIII. Send for approval.

Each progress update follows the workflow hierarchy (R1 → R2 → R3 → R4).

Only after R4's final approval and OTP Authentication is completed the progress reflect in the monitoring dashboard.

## 8. Cluster Layout

The Cluster Layout is used to view infrastructure layouts and monitor infrastructure implementation progress. It is a visualization module that displays data created and approved through the CMS module of its.

Cluster Layout does not allow users to create or modify infrastructure data directly. It displays layout and monitoring information based on approved records.

The information visible in Cluster Layout depends on the user's administrative level and assigned role.

### 8.1 Purpose of Cluster Layout

CMS provides a structured visual view of:

- Cluster infrastructure layout
- Infrastructure components
- Implementation progress
- Geographic spread of clusters
- Summary statistics

It helps users monitor execution status without modifying underlying records.

### 8.2 Access to Cluster Layout

All authorized users can access CMS based on their level:

- Central users (NPMU) can view all States, Districts and Clusters Cluster records.
- State users (SPMU) can view clusters within their State's Districts and Clusters Cluster records.
- District users (DLIC) can view clusters within their District's Clusters Cluster records.
- Cluster-level users (PIA/WUS/FRA/DCF/ISP) can view records only specific to the cluster.

Geographic filters are automatically populated based on the user's login level.

### 8.3 Cluster Layout Dashboard

The Cluster Layout Dashboard displays the approved infrastructure layout of a selected cluster.

The screen contains:

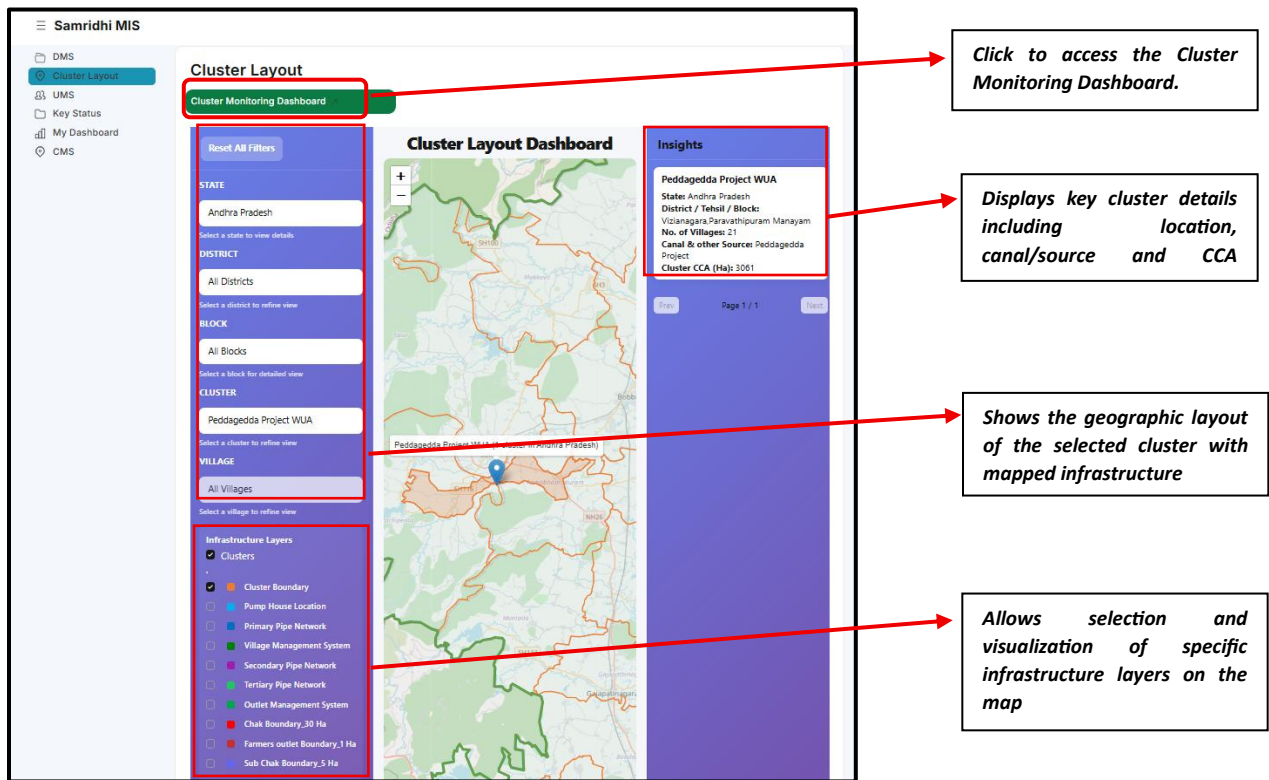
- A Geographic Filter Section
- A Map View Showing the Cluster Layout

- An Infrastructure Layer Selection Panel
- Cluster Summary Details
- Button to View Cluster Monitoring Dashboard

Users can select a specific cluster using the filter options. Once selected, the map displays the infrastructure components based on the approved GeoJSON files.

Users can enable or disable specific infrastructure layers to view them individually.

This dashboard is for viewing purposes only.



**Figure 8.3.1: Cluster Layout Dashboard: Filtering, Insights and Infrastructure Layers Visualization Interface**

### 8.4 Infrastructure Layers

The layout view includes multiple infrastructure layers such as cluster boundary, pipelines, valves, pump house, junctions, and other defined components. Refer Table 7.2.2.1.1

Each layer contains multiple components. When a layer is selected, all the corresponding components under the Infrastructure Layer are visible on the map. Refer Figure 7.3.3

The information shown is based only on approved data from CMS.

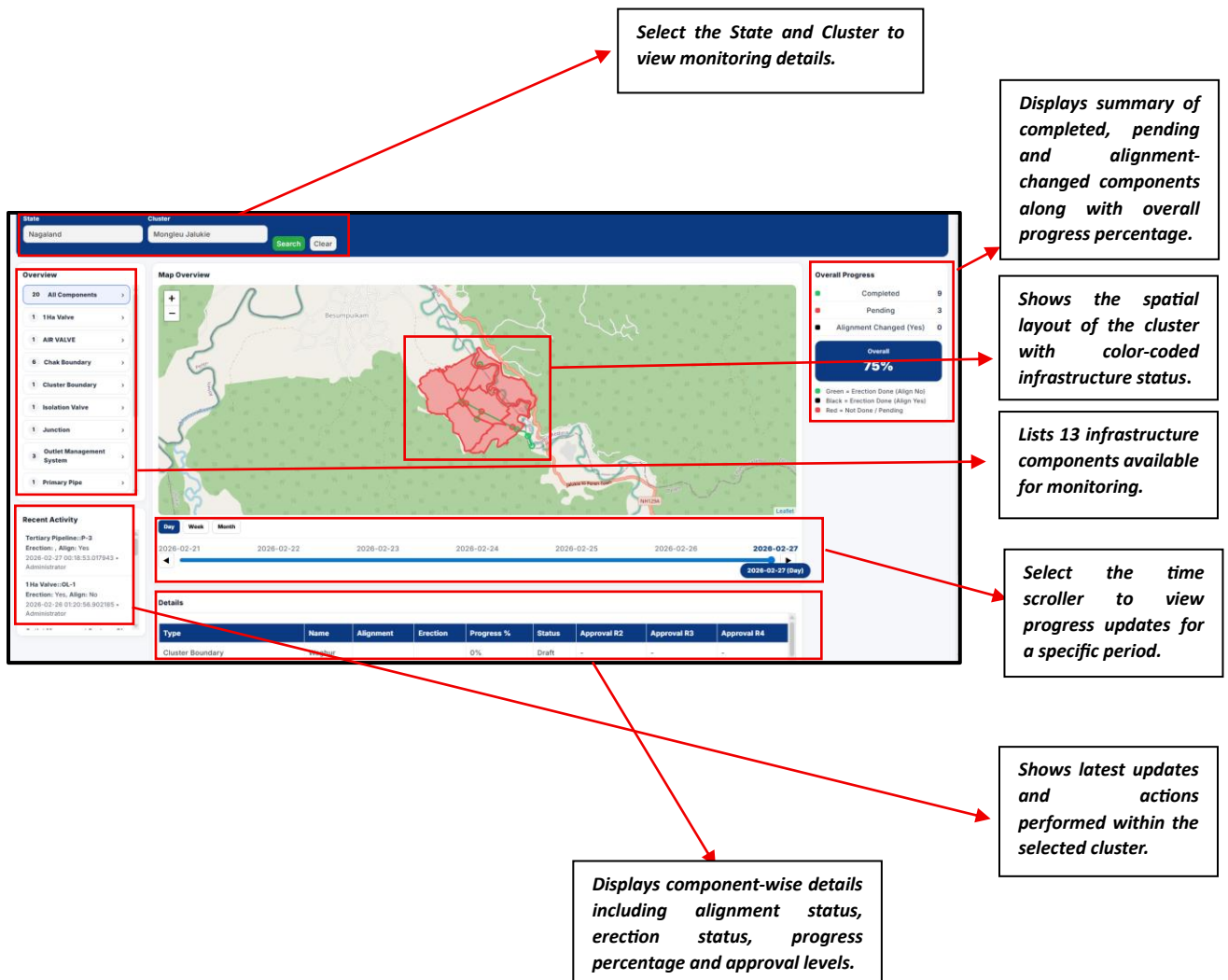
### 8.5 Cluster Monitoring Dashboard

The Cluster Monitoring Dashboard shows implementation progress of infrastructure components. To access the dashboard please refer the Refer Figure 7.3.3

It provides:

- Overall completion percentage
- Component-wise status
- Layer-wise tracking
- Alignment changes indicators
- Approval status

Users can view progress details but cannot update them from Cluster Layout. All updates must be made in the CMS module.



**Select the State and Cluster to view monitoring details.**

**Displays summary of completed, pending and alignment-changed components along with overall progress percentage.**

**Shows the spatial layout of the cluster with color-coded infrastructure status.**

**Lists 13 infrastructure components available for monitoring.**

**Select the time scroller to view progress updates for a specific period.**

**Shows latest updates and actions performed within the selected cluster.**

**Displays component-wise details including alignment status, erection status, progress percentage and approval levels.**

Type	Name	Alignment	Erection	Progress %	Status	Approval R2	Approval R3	Approval R4
Cluster Boundary				0%	Draft			

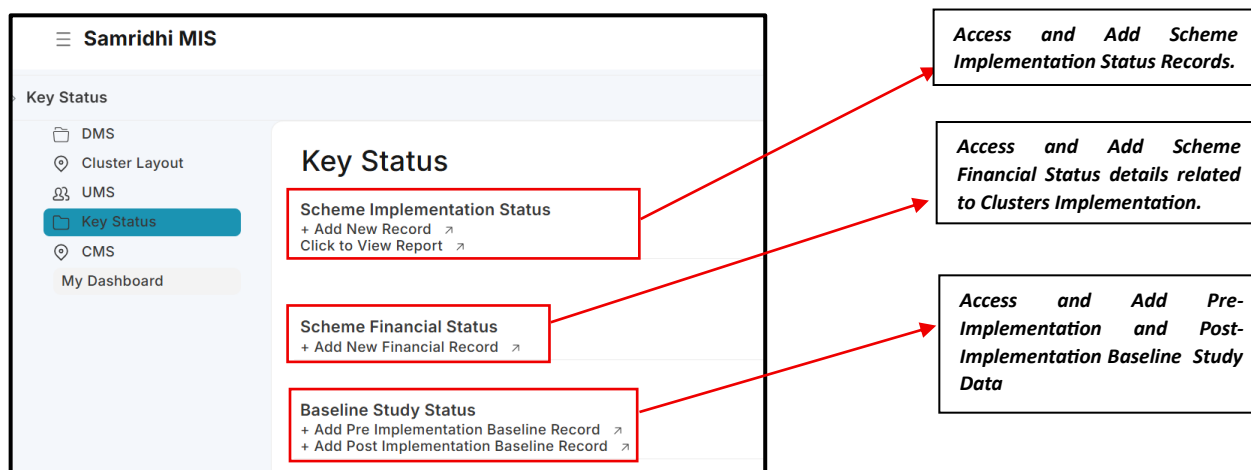
**Figure 8.5.1: Cluster Monitoring Dashboard: Progress Tracking and Component Status Overview**

## 9. Key Status

The Key Status module, sub-module of Dashboard, is used to capture and view scheme data at regular intervals. It supports operational, financial, and performance-related reporting across clusters.

This module ensures that structured information is recorded in a consistent format and made visible to the appropriate administrative levels based on role permissions.

Key Status contains separate sections for operational reporting, financial progress, and baseline performance indicators.



**Figure 9.1: Key Status Interface**

### 9.1 Purpose of Key Status

The purpose of Key Status is to:

- Capture periodic operational updates
- Record financial progress details
- Maintain baseline and performance indicators
- Provide structured reports for monitoring

Data entered in Key Status is visible according to the user's administrative level.

### 9.2 Periodic Report Form

The Periodic Report Form is used to enter regular operational updates related to cluster activities.

Access to create or edit records is restricted to authorized users (NPMU, SPMU & PIA) as defined in the system. Other users may have view-only access depending on their level.

The form captures structured information such as implementation milestones, approvals, onboarding status, and overall progress percentage.

9.2.1 Steps to Enter or Update Periodic Report

- I. Open the Key Layout sub-module.
- II. Click on “Periodic Report Form.” Refer Figure 9.1
- III. Select the relevant cluster or “Add New Record.”

ID	State/UT	Cluster Name
<input type="checkbox"/> 26	Jammu And Kashmir	Patyari
<input type="checkbox"/> 25	Haryana	Panihar-Choudhariwas
<input type="checkbox"/> 23	Chhattisgarh	Bagiya
<input type="checkbox"/> 20	Madhya Pradesh	Bahuti
<input type="checkbox"/> 18	Madhya Pradesh	Netangaon
<input type="checkbox"/> 19	Madhya Pradesh	Gudariya
<input type="checkbox"/> 22	Tripura	Brahmacherra

Figure 9.2.1: Cluster Selection Interface

- IV. Click on cluster record to “Edit”.

Figure 9.2.2: Cluster Record Edit Interface

- V. Fill in the required fields.

MOU	LOI	SNA	SNASPARSH	WUS	SPMU	DLIC	FRA	EDR submission Date	EDR approval date	Tender Floating date	Name of ISP	Remark
Yes	Yes	Yes	NO	Yes	NO	Yes	No	11/11/20	mm/dd/	mm/dd/		

Figure 9.2.3: Cluster Progress Update: Data Entry Interface

- VI. Review the information entered and “Update.”

All updates are recorded with timestamps and user details.

Figure 9.2.4: Comments and Activity Log

### 9.3 Periodic Report (View)

**Report**

Empanelled Consult... Bahuti State

Search Clear

State	Empanelled Consultant	Cluster	MOU	LOI	SNA	SNASPARSH	WUS	SPMU	DLC	FRA	DIR Submission	DIR Approval	Tender Floating	Name of ISP	Progress	Remark
Madhya Pradesh	M/s PMSO Engineering Services LLP, Pune	Bahuti	YES	YES	NO	NO				NO	27-11-2025				25%	

Download in Excel

Select DCF, Cluster and State to filter the report.

Displays cluster-wise progress details including approvals, submission dates and overall progress percentage.

Click to export the report data in Excel format.

**Figure 9.3.1: Periodic Report: Search, Progress Overview and Export Interface**

The Periodic Report section displays submitted records in a structured table format.

Users can view data based on their level:

- Central users can view all States and Clusters.
- State users can view clusters within their State.
- District users can view clusters within their District.
- Cluster-level users can view only their assigned cluster.

Filters are available to search by State, District, Cluster, or other configured parameters.

Reports may be downloaded in Excel format, if enabled.

### 9.4 Financial Progress Form

The Financial Progress Form is used to record financial details related to cluster implementation.

This includes information such as approved costs, central assistance, funds released, funds utilized, and balance amounts.

Only authorized users (NPMU) can create or edit financial records. Other users have view-only access according to role permissions.

#### 9.4.1 Steps to Enter or Update Financial Progress

- I. Open the Key Layout sub-module module.
- II. Click on “Financial Progress Form.” Refer Figure 9.1
- III. Select or create the relevant cluster record.

**Financial Progress**

ID State District Cluster

ID State Cluster

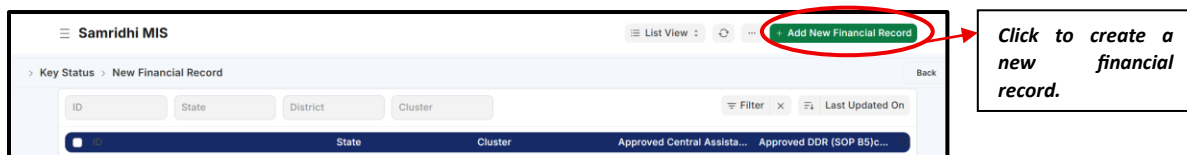
FP-Bahuti-02-2026 Madhya Pradesh Bahuti

FP-Peddagedda Project WUA-02-202 Andhra Pradesh Peddagedda Projec...

Use filters to search and locate financial progress records.

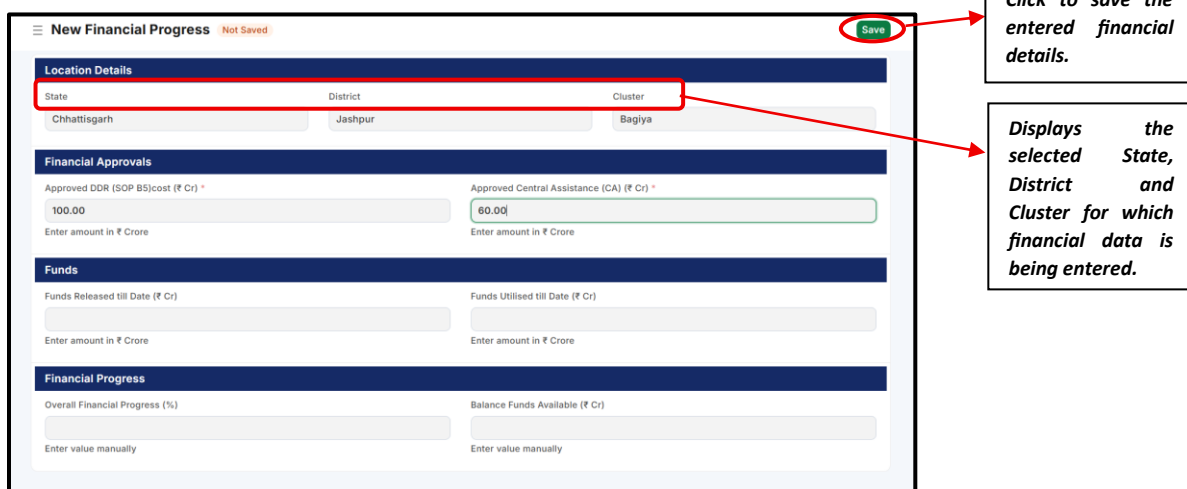
Select the relevant financial progress record to view or update details.

**Figure 9.4.1.1: Financial Progress Module: Record Listing and Filter Interface**



**Figure 9.4.1.2: Add Financial Progress Record**

IV. Enter the required financial details.



**Figure 9.4.1.3: Financial Progress: Data Entry Form**

- V. Review the information.
- VI. Click “Save”.

### 9.5 Baseline Studies

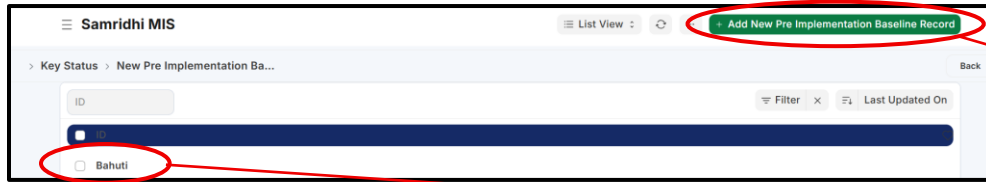
The Baseline Studies Form is used to record performance indicators related to cluster outcomes. These may include agricultural, water usage, productivity, and participation metrics.

This section supports structured data capture for pre-implementation and post-implementation analysis.

Authorized users (SPMU & PIA) can create and update these records. Other users may have view-only access.

#### 9.5.1 Steps to Enter or Update Baseline Data

- I. Open the Key Status sub-module
- II. Click on “Baseline Studies Form.” Refer Figure 9.1
- III. Choose pre-implementation or post-implementation record.
- IV. Select the cluster.

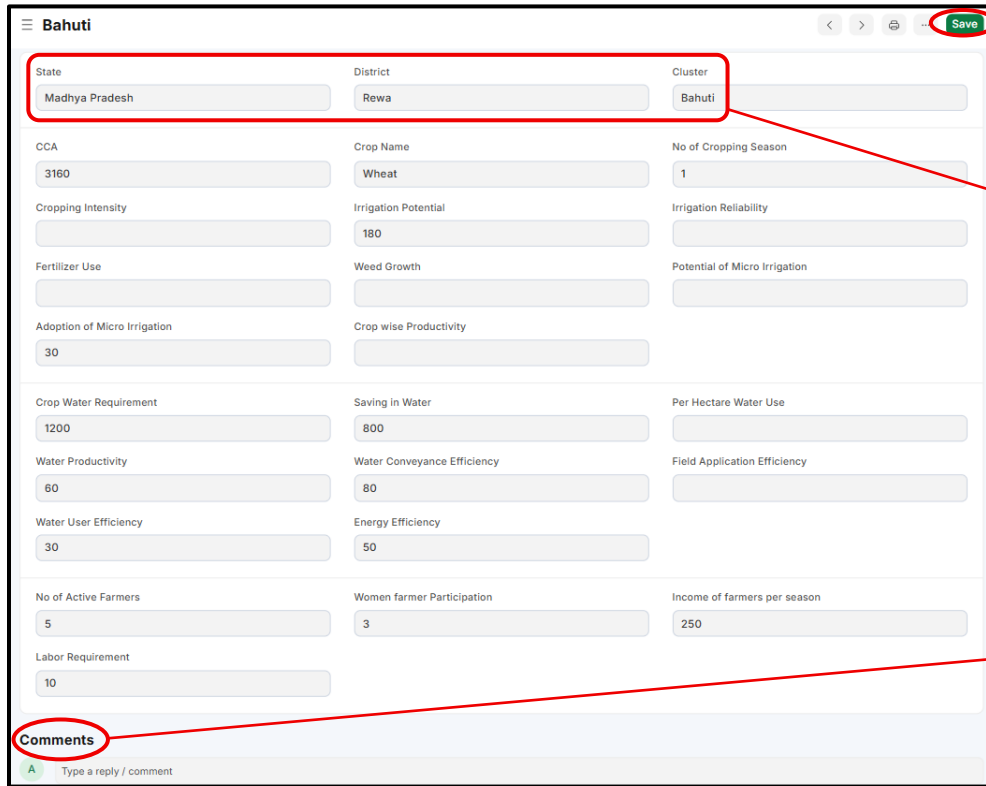


Click to create a new baseline study record cluster.

Select the cluster record to view or update baseline study details.

Figure 9.5.1.1: Baseline Study: Record Listing and Creation Interface

V. Enter the required indicator values.



Click to save the entered baseline study details.

Displays the selected State, District and Cluster for which baseline data is being recorded.

Add remarks or notes related to the baseline study entry and Tag using @

Figure 9.5.1.2: Baseline Study: Data Entry and Submission Interface

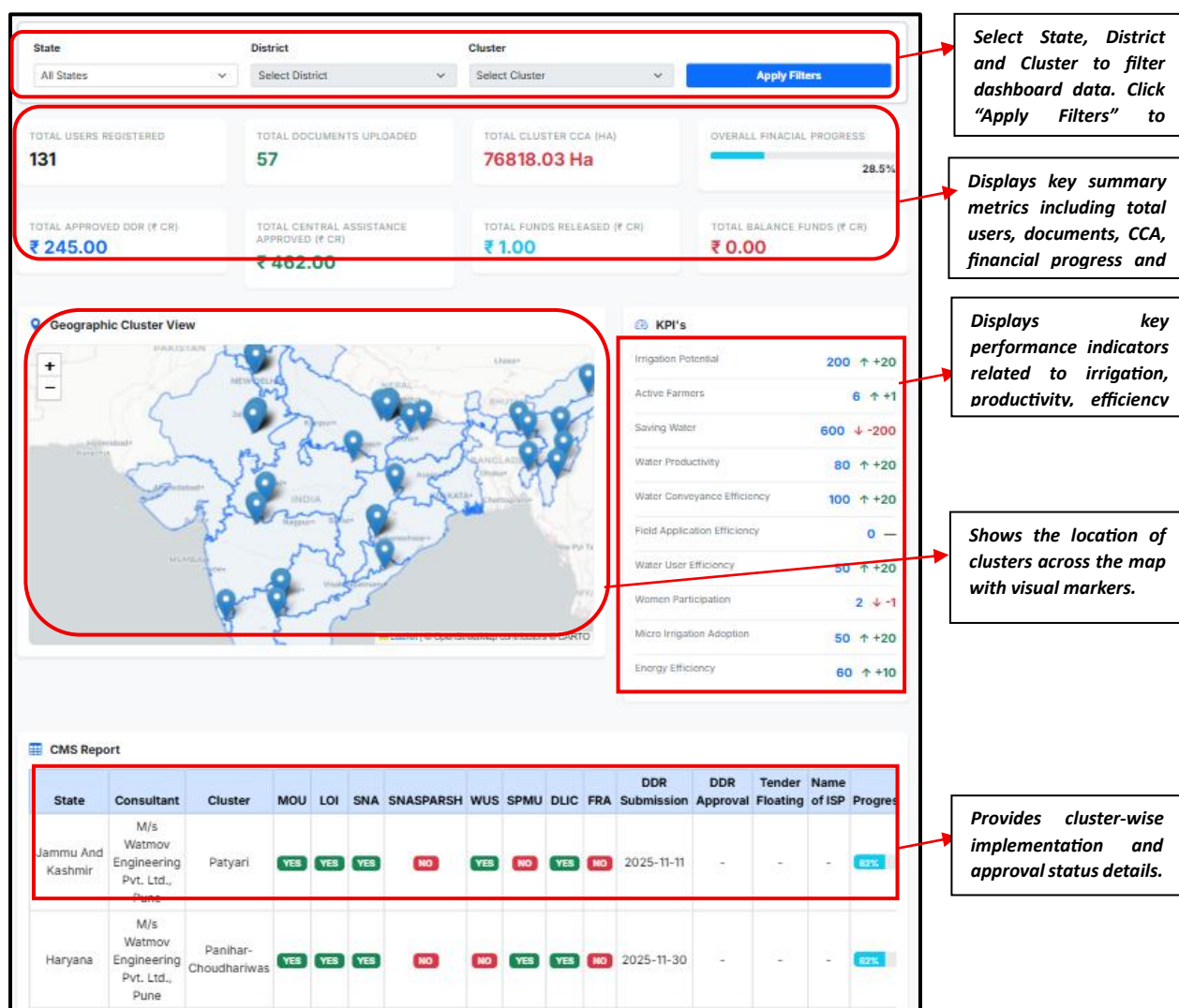
VI. Click "Save".

All entries are stored with activity logs for reference.

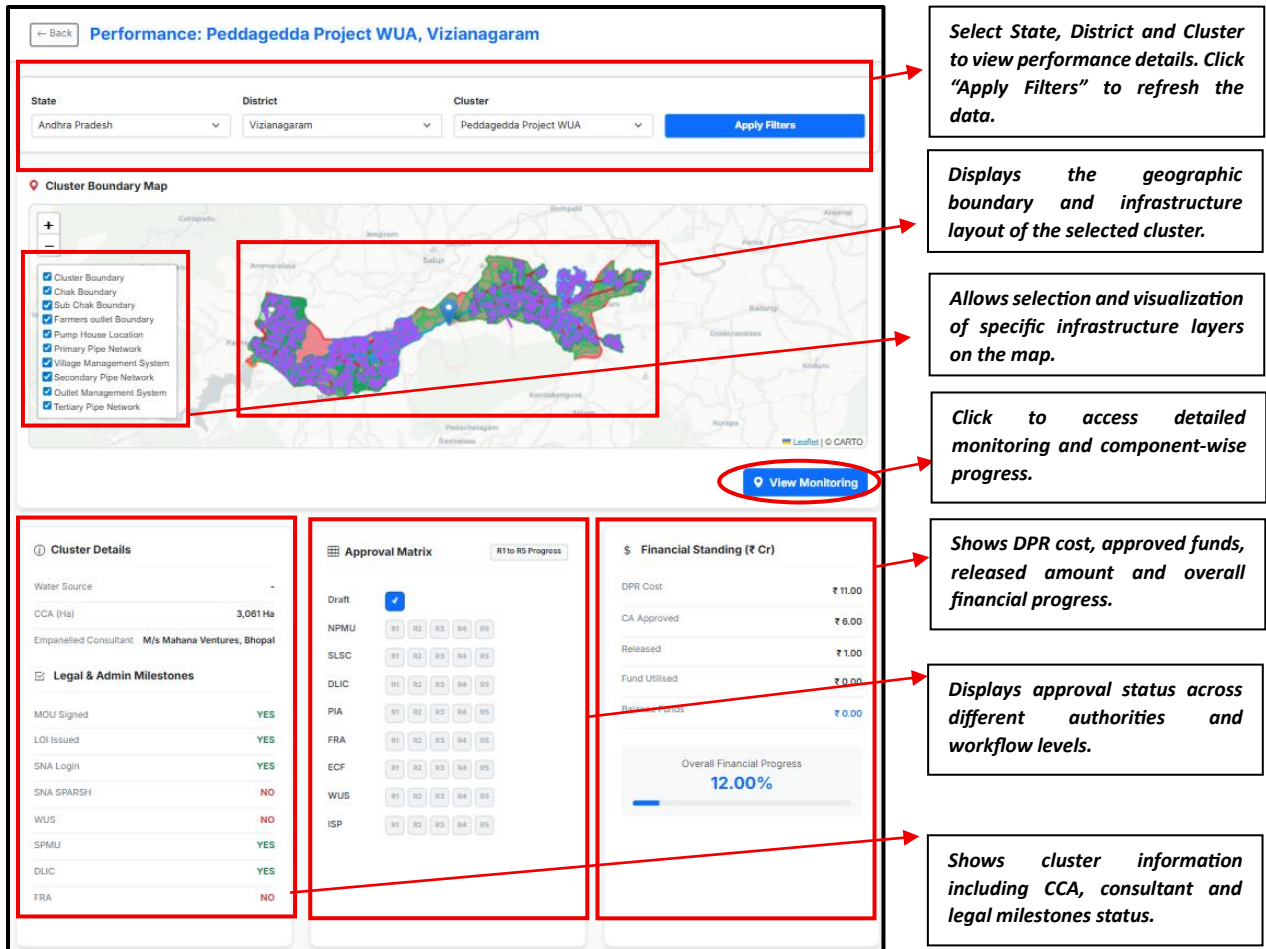
## 10. My Dashboard

The My Dashboard, provides consolidated visibility of scheme data. It presents operational, financial, infrastructure, and user-related information in a structured format based on the logged-in user's administrative level and role.

The My Dashboard is not used for data entry. It displays information collected from other modules and sub modules such as UMS, DMS, CMS, and Key Status. The information shown is dynamic and automatically adjusts according to the user's assigned jurisdiction.



**Figure 10.1: Program Overview Dashboard Interface**



**Performance: Peddagedda Project WUA, Vizianagaram**

State:  District:  Cluster:

**Cluster Boundary Map**

- Cluster Boundary
- Chak Boundary
- Sub Chak Boundary
- Farmers outlet Boundary
- Pump House Location
- Primary Pipe Network
- Village Management System
- Secondary Pipe Network
- Outlet Management System
- Tertiary Pipe Network

Cluster Details		Approval Matrix		Financial Standing (₹ Cr)	
Water Source	-	Draft	<input checked="" type="checkbox"/>	DPR Cost	₹ 11.00
CCA (Ha)	3,061 Ha	NPMU	<input type="checkbox"/>	CA Approved	₹ 6.00
Empanelled Consultant	M/s Mahana Ventures, Bhopal	SLSC	<input type="checkbox"/>	Released	₹ 1.00
<b>Legal &amp; Admin Milestones</b>		DLIC	<input type="checkbox"/>	Fund Utilised	₹ 0.00
MOU Signed	YES	PIA	<input type="checkbox"/>	Budget Funds	₹ 0.00
LOI Issued	YES	FRA	<input type="checkbox"/>	<b>Overall Financial Progress</b> 12.00%	
SNA Login	YES	ECF	<input type="checkbox"/>		
SNA SPARSH	NO	WUS	<input type="checkbox"/>		
WUS	NO	ISP	<input type="checkbox"/>		
SPMU	YES				
DLIC	YES				
FRA	NO				

**Figure 10.2: Cluster Performance Dashboard Overview Interface**

### 10.1 Purpose of the My Dashboard

The purpose of the My Dashboard is to provide a overview of scheme progress. It allows users to monitor progress, view financial data, assess infrastructure implementation status, and track key indicators without navigating multiple modules.

The dashboard serves as a monitoring interface. It consolidates data across levels and presents it in a readable format for review and supervision.

### 10.2 Role-Based Dashboard View

The My Dashboard automatically adapts based on the user’s entity, role, and administrative level. When a user logs in, the system identifies the mapped State, District, or Cluster and displays relevant data accordingly.

Central-level users can view consolidated information across all States and Clusters. State-level users can view data limited to their respective State. District-level users can view data restricted to their assigned District. Cluster-level users can view information related only to their mapped Cluster.

This automatic filtering ensures that users can view only authorized information within their jurisdiction.

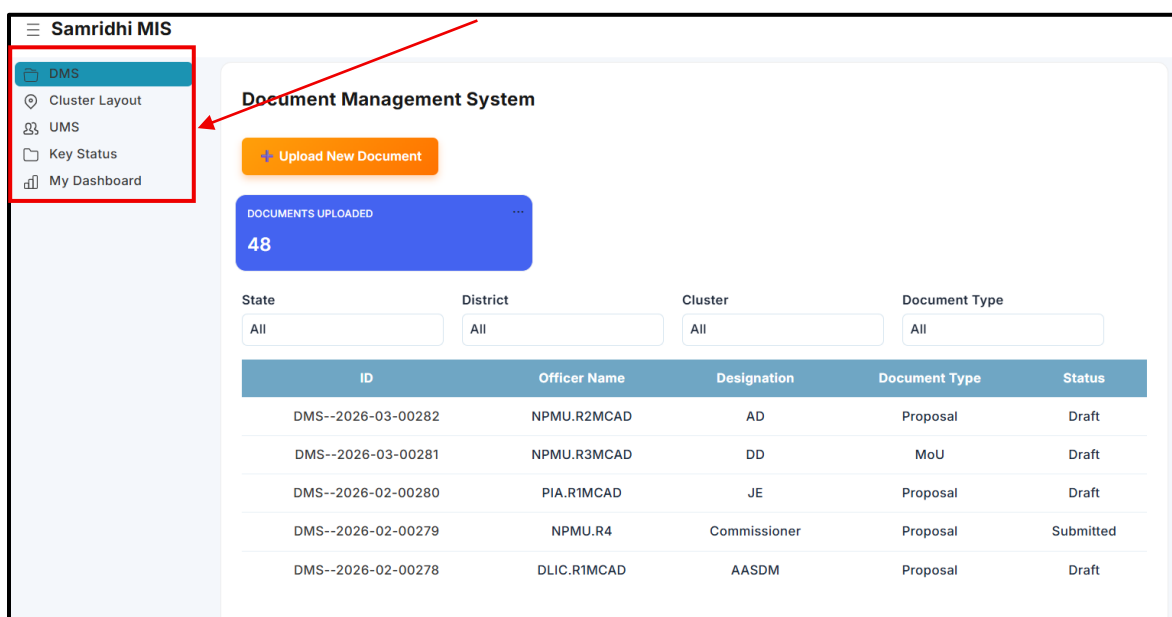
## 11. Entity-Wise SMIS View & Module & Sub-Module Access

After successful login, the system redirects the user to their entity-specific home page. The modules visible in the left navigation panel depend on the user's entity and assigned role. The portal automatically restricts module visibility based on configured access rights. Users cannot see modules that are not assigned to their entity.

This section explains the home page layout and module access for each entity.

### 11.1 Central Level (NPMU)

When a user from the NPMU logs in, the portal displays a consolidated system interface with access to all major modules. Users at this level, across roles R1 to R5, can view modules such as:



ID	Officer Name	Designation	Document Type	Status
DMS--2026-03-00282	NPMU.R2MCAD	AD	Proposal	Draft
DMS--2026-03-00281	NPMU.R3MCAD	DD	MoU	Draft
DMS--2026-02-00280	PIA.R1MCAD	JE	Proposal	Draft
DMS--2026-02-00279	NPMU.R4	Commissioner	Proposal	Submitted
DMS--2026-02-00278	DLIC.R1MCAD	AASDM	Proposal	Draft

**Figure 11.1: NPMU SMIS Post Login Home Interface**

- Document Management System (DMS). Refer Chapter 6
- Cluster Layout. Refer Chapter 8
- User Management System (UMS). Refer Chapter 5
- Kay Status. Refer Chapter 9
- My Dashboard. Refer Chapter 10

The Central level has visibility across all States, Districts, and Clusters. Filters are available to narrow down data by geography.

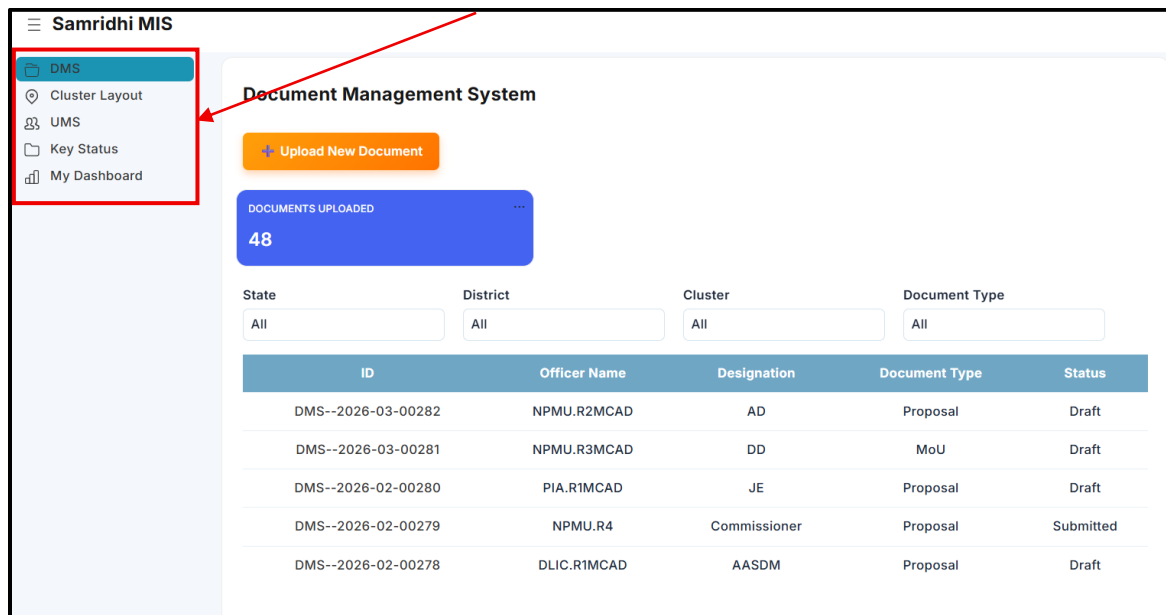
While module visibility is common across roles, the actions available inside each module depend on whether the user is R1, R2, R3, R4, or R5.

R5 users have view-only access, whereas R1 to R4 users can perform actions according to their workflow authority.

## 11.2 State Level (SPMU)

When a SPMU user logs in, the portal displays modules relevant to the State level.

The available modules typically include:



**Figure 11.2: SPMU SMIS Post Login Home Interface**

- Document Management System (DMS). Refer Chapter 6
- Cluster Layout. Refer Chapter 8
- User Management System (UMS). Refer Chapter 5
- Key Status. Refer Chapter 9
- My Dashboard. Refer Chapter 10

State users can view and manage data only within their respective State. District and Cluster filters are automatically restricted to that State.

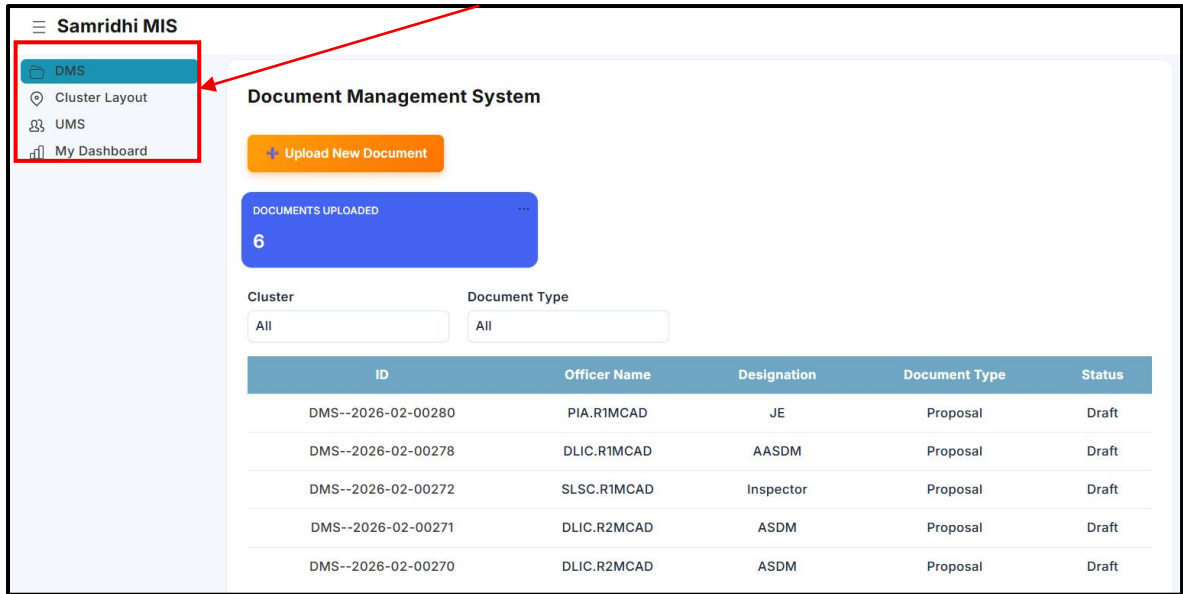
Module visibility remains consistent across roles R1 to R5. However, workflow actions within modules are controlled by role hierarchy.

## 11.3 District Level (DLIC)

When a DLIC user logs in, the system displays modules aligned with district-level responsibilities.

The visible modules include:

- Document Management System (DMS). Refer Chapter 6
- Cluster Layout. Refer Chapter 8
- User Management System (UMS). Refer Chapter 5
- My Dashboard. Refer Chapter 10



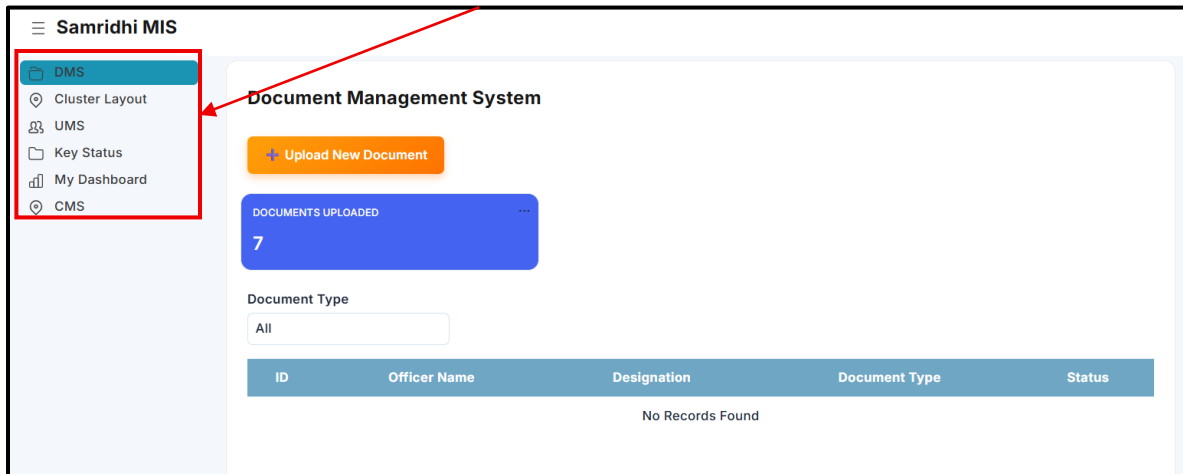
**Figure 11.3: DLIC SMIS Post Login Home Interface**

District users can access information related only to their assigned District. Cluster filters are limited to clusters within that district.

#### 11.4 Cluster Level (PIA)

When a PIA user logs in, the portal displays modules required for cluster execution and monitoring.

The available modules include:



**Figure 11.4: PIA SMIS Post Login Home Interface**

- Document Management System (DMS). Refer Chapter 6
- Cluster Layout. Refer Chapter 8
- Cluster Management System (CMS). Refer Chapter 7
- User Management System (UMS). Refer Chapter 5

- Key Status. Refer Chapter 9
- My Dashboard. Refer Chapter 10

CMS is visible only to PIA users, as they are responsible for uploading infrastructure layouts and updating progress.

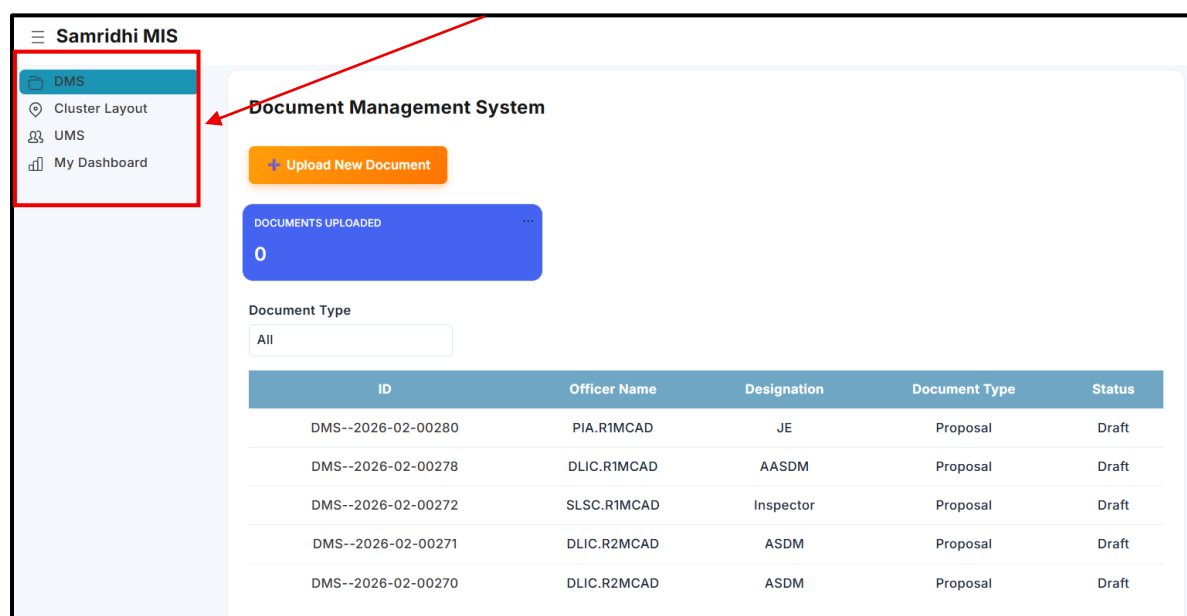
Users at this level can access only their assigned cluster.

Roles R1 to R4 are applicable for PIA users. R5 is not configured at this level.

### 11.5 Cluster Level (WUS / FRA / ISP / DCF)

When users from Water User Society (WUS), Farmer Relationship Agency (FRA), Irrigation Service Provider (ISP), or DDR Consultant Firm (DCF) log in, the portal displays limited modules based on their operational scope.

The modules typically visible include:



**Figure 11.5: (WUS/FRA/ISP/DCF) SMIS Post Login Home Interface**

- Document Management System (DMS). Refer Chapter 6
- Cluster Layout. Refer Chapter 8
- User Management System (UMS). Refer Chapter 5
- My Dashboard. Refer Chapter 10

These entities do not have access to CMS & Key Status. Their submissions are subject to supervisory approval by higher entities as defined in workflow rules.

Roles R1 to R3 are applicable for these entities. Final approval authority may lie with supervisory entities.

Users can access only their assigned cluster and cannot view cross-cluster information.



# **CADWM Wing**

**Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development & Ganga Rejuvenation**