

A GUIDE TO TELANGANA FOREST MANAGEMENT INFORMATION SYSTEM

Prepared by

Sri. S. Madhava Rao, DCF (MIS)

Smt. E. Vamshi Priya, FRO (GIS)

Sri. P.Sateesh, Project Scientist (MIS)

Sri. M.Chandrasekhar, Project Scientist (MIS)

CONTENTS

S.NO	MODULE	Page No
1	Nursery Management Information system (NMIS)	3 - 4
2	Plantation Management Information system (PMIS)	5 - 7
3	Forest Protection Management Information system (FPMIS)	8 - 10
4	Financial & Accounting management information system (CAMPA -FAMIS)	11 - 12
5	Saw mill management Information system	13 - 13
6	Fire Management Information System	14 - 15
7	Forest cover change monitoring system	16 - 17
8	News paper & TV clippings management information system	18 - 18
9	Wild life crime & compensation module	19 - 19
10	Vehicle management information system	20 - 20
11	Forest Inventory (Control Point) & ANR Inventory	21 - 21
12	Seed Collection management information system	22 -22
13	Field Officer Declaration	23 - 23
14	Water Augmentation	24 -24
15	Forest building infrastructure management information system	25 - 25
16	Out reach - Vanadarshini	26-26
17	Grass lands development	27 -27
18	Forest rejuvenation action plan module (FRAP)	28 - 29
19	Urban parks	30 - 31
20	Court cases	32 - 32
21	IT Assets	33 - 33
22	ANR Works	34 - 34
23	Photo Gallery	35 - 35
24	Tree Felling Permission	36 - 36
25	Forest Block treatment (FBT)	37 - 38
26	Greenery Assessment Module	39 - 39

1. Nursery Management Information System (NMIS)



Purpose:

The Nursery Management Information System (NMIS) plays a vital role in the scientific planning, monitoring, and regulation of nursery operations that support afforestation, reforestation, and urban greening initiatives. It captures key nursery activities such as seedling raising, stock conversion, and ongoing maintenance. NMIS enables real-time monitoring of these operations, providing valuable insights into the progress of activities and the availability of plant stock by species. This facilitates efficient planning and distribution of planting materials within the department and to various external agencies.

Key Inputs captured:

- Scheme
- Nursery Registration –its location, type, category and Photos
- Potting target and progress,
- Bag filling with potting mixture,
- Transplanting,
- Capturing of the Plant height,
- Shifting & Distribution,
- Conversion and Maintenance.

Information upload level: Information of Nurseries is uploaded from the Range Level

Reports

In the NMIS Module

a. Registration of Nurseries-This feature provides a drill-down table that allows users to navigate down to the level of individual nurseries registered within a specific range.

b. Progress of Nurseries-This section presents a drill-down table (up to the range level) displaying key indicators such as the number of nurseries, nursery targets, bag filling progress, available seedlings, and distribution status.

In the PCCF Dashboard – Nursery Tab

The PCCF Dashboard provides comprehensive insights under the Nursery tab, with the ability to generate **Circle, District, and Division-wise reports** on various nursery activities. The dashboard includes:

- **Scheme-wise information**
- **Raising year-wise data**
- **Seedling availability** categorized by height and species
- **Stock details** classified by species and scheme
- **Stock balance, shifting, and grading status**

Additionally, nursery-wise species information can be retrieved using a customizable query feature enabling more targeted and detailed analysis.

2. Plantation Management Information System (PMIS)



Purpose :

The Plantation Management Information System (PMIS) module is designed to systematically plan, monitor, and evaluate planting and post planting activities. Its primary purpose is to ensure transparency, efficiency, and accountability in plantation programs by tracking site selection, species planted, survival rates, maintenance schedules, and financial expenditures. The module supports data-driven decision-making to enhance the success and sustainability of forest plantations.

Key Inputs captured:

For Plantation

- Scheme
- District Action Plan
- New Site Registration
- Site Inspection
- Progress of Advance Operation
- Progress of Planting Works
- GPS Points
- Upload Photographs
- Monitoring Details
- Post Planting Operations
- District Daily Planting Progress
- Evaluation of Plantations

For Seed Dibbling/Seed Broadcasting/ Seed Balls

- Target
- Progress
- Germination
- Germination monitoring

Information Upload Level: Information of Nurseries is uploaded from the Range Level District action plan & Evaluation of plantations is done at the District level

Reports

In the PMIS Module

- Action Plan** – Abstract (circle level) & Detailed (up to range level)
- Site Registration** – Abstract (Circle level) & Detailed (up to range level)
- Advance Operations** - LI,SMM,BHA, ANR & Avenue (Scheme wise & Date wise for Circle level which can drill down to range level)
- Planting Progress** – Planting progress & Casualty replacement (Circle level which can drill down to range level), Scheme wise circle wise planting report (Circle level which can drill down to range level)
- Post Planting Progress** – Avenue, Block – LI & SMM, Gap/Scattered. (Scheme wise & Date wise for Circle level which can drill down to range level)
- View Individual Plantation data** – for forest department & other departments
- Proposed Avenue plantations**
- Plantation evaluation team** – can be accessed with DFO login
- Plantation evaluation inspection**– can be accessed with DFO login
- Plantation evaluation abstract**– can be accessed with DFO login
- Evaluation overall abstract**– can be accessed with DFO login
- Plantations on Google earth** – To view the plantations on google earth and download the same
- Plantation Register** – Up to range level
- Year Wise Plantation abstract** – Scheme wise, Year wise (From 2014 till date) & circle wise no. of plantations (Block & Linear) & area.
- Upload status of Kmls and Photos** – Circle & Division wise status of upload of kmls & photos of the plantation sites
- District wise planting progress**

In the PCCF Dashboard – Plantation Tab

Under the plantation tab of the PCCF Dashboard the following reports may be accessed:

- **Daily Progress** – Of Pitting, Planting & replacement of casualty (Circle level which can drill down to range level)

- **Circle abstract** – of plantations (Scheme, Sub scheme wise & year wise for circles that can drill down to range level)
- **District abstract** – of plantations (Year wise)
- **Block** – For block plantations (Year wise for circles that can drill down to range level)
- **Linear** – For Linear plantations (Year wise for circles that can drill down to range level)
- **Gap/Scattered** – For Gap/Scattered plantations (Year wise for circles that can drill down to range level)

3. Forest Protection Management Information system (FPMIS)



Purpose: The Protection Management Information System of the Telangana Forest Department tracks forest offences, confiscated materials, basecamps, watch towers, strike forces, and forest fire actions. It streamlines data collection and monitoring, enabling effective enforcement, resource management, and rapid response to forest crimes and emergencies for improved forest protection.

Key Inputs captured:

A. For Offence Data

- Daily Progress on encroachment.
- Daily Progress on Forest Protection Campaign.
- POR details, Material Details, Case Status, encroachment retrieved, Wildlife offender details.
- Adding C'Fees target

B. For Beat Inspection

- Beat Inspection
- Beat Felling Enumeration register

C. Protection Measures

- Base camp, Strike force and Check post details

D. Fire Protection

- Fire locations and their ground truth data
- Fire line survey
- Watch towers

Information Upload Level: Range level in general. Daily Progress report on Forest Protection campaign at Division level.

Reports:

In FPMIS Module

A. For Offence Data

- a. **DPR encroachment** – Detailed & Abstract
- b. DPR Abstract of all offences (Division wise)
- c. **Reports (In General) -**
 - **C'Fees Progress** – Target and achievement (Circle to Range Level reports can be generated)
 - **Proforma – I (OR) Cases** (Circle to Range level reports can be generated)
 - **Proforma – II (UDOR) Cases** (Circle to Range level reports can be generated)
 - **Proforma – III(Vehicle) Cases** (Circle to Range level reports can be generated)
 - **Red Sanders (OR)** (Circle to Range level reports can be generated)
 - **Red Sanders (UDOR)** (Circle to Range level reports can be generated)
 - **Red Sanders (Cumulative)** (Circle to Range level reports can be generated)
 - **Wild life Crime Yearly** (Circle to Range level reports can be generated)
 - **Wild life Crime Monthly** (Circle to Range level reports can be generated)
 - **Protection Certificate**
 - **Mobile data**
- d. **Monthly & Yearly Reports on –**
 - **OR Progress** (Circle to Range level reports can be generated)
 - **UDOR Progress** (Circle to Range level reports can be generated)
 - **Species wise progress** (Circle to Range level reports can be generated)
 - **Saw mill Offence** (Circle to Range level reports can be generated)
 - **Encroachment** (Circle to Range level reports can be generated)
 - **Court cases** (Circle to Range level reports can be generated)
 - **Vehicle cases** (Circle to Range level reports can be generated)
 - **Wild life cases** (Circle to Range level reports can be generated)
- e. **Offence Register abstract** (Circle to Range level reports can be generated)
- f. **Docket Closed Report**

B. Beat Inspection

- a. **Beat Inspection** (Up till Range level)
- b. **Beat Inspection Schedule** (Up till beat level)
- c. **Beat Inspection Progress** (Up till beat level)
- d. **Abstract BFER** (Up till Range level)

C. Protection Measures

- a. **Base Camp – Details & Location** (Circle to Range level reports can be generated)
- b. **Check Post – Details & Location** (Circle to Range level reports can be generated)
- c. **Strike Force – Details & Location** (Circle to Range level reports can be generated)

D. Protection Measures

- a. **Fire Points**
 - **Abstract** – agreed & not agreed (circle level report)
 - **Division wise abstract** – Fire locations (Circle & Division wise report)
 - **Fire Points** - Action taken & Reason report (Up till beat level)
- b. **Fire Line Survey** – Fire Protection Strategy implementation survey report (District Wise)
- c. **Watch tower** - Locations

In PCCF Dashboard – Protection Tab

Under the Protection tab of the PCCF Dashboard the following reports may be accessed:

- **Progress of Cases**– Of OR / UDOR and Vehicle cases (Circle level)
- **Encroachment cases** (Circle level)
- **Age Analysis of Protection cases** (Circle level which can drill down to Division level)

4. CAMPA - Financial & Accounting Management Information System (CAMPA FAMIS)



Purpose: The CAMPA Financial and Accounting Management Information System module in the Telangana Forest Management Information System ensures transparent, efficient tracking of funds under the Compensatory Afforestation Program. It facilitates budgeting, expenditure monitoring, and compliance with financial norms, supporting sustainable forest management and accountability in the utilization of CAMPA resources.

Key Inputs captured:

- Annual Plan of Operations – Range & Division wise
- Tenders
- Estimate generation, submission & Approval
- Vouchers – Adding & Editing
- Submission of Accounts from Range to Division

Information Upload Level: Range level in general except for adding of Division APO and account submission by Division is done at Division level.

Reports

In CAMPA FAMIS Module

a. Approved APO

- State Wise/ Activity wise (Up till Division)
- Component wise (Up till Division)
- Range wise

b. Financial Reports

- List of Works (Up till Range level)
- Division wise list of Works (Up till Division level)
- List of Vouchers (Up till Range level)

- Form –IX A (Up till Range level)
 - Download Estimate (Up till Range level)
 - Download Work register (Up till Range level)
 - Download Work Completion (Up till Range level)
- c. Abstract Reports**
- Component wise expenditure (Up till Division)
 - Annexure (up till range level)
 - Annexure _ NPV (up till range level)
- d. Financial Reports**
- CAMPA Annexures (up till range level)
 - NPV Annexures (up till range level)
- e. For Official Use**
- Range Account Submission Status
 - Division Account Submission status
 - Division Vouchers generated status
 - Proforma- A (I)
 - Form –IX A Division Wise Vouchers
 - Division MPR
 - Circle MPR
 - State MPR

In PCCF Dashboard

Under the **PCCF Dashboard (New)** tab of the PCCF Dashboard the circle wise reports related to CAMPA for all kinds of works may be accessed by selecting the year and scheme. These reports can drill down to range level.

5. Saw mill management information system (SMIS)



Purpose: The Sawmill Management Information System under the **TGMIS** is a specialized digital platform designed to streamline and regulate sawmill operations across the state. This system plays a crucial role in ensuring legal compliance, promoting transparency, and supporting sustainable forest management.

Key Inputs captured:

- Saw mill name, Address & Owner
- GPS location
- Year of establishment
- List of Machines
- License details – Number, Issue date, Validity, Sanctioned Capacity.

Information Upload Level: Range level. There is an option to modify the details if needed.

Reports:

In SMIS Module

- Detailed report** –Showing Saw mill details like its license validity, loacation, list of machines etc (Circle to beat level)
- Abstract report** – Showing number of saw mills(Circle to beat level)

6. Fire Management Information System (FMIS)



Purpose: The Fire Management Information System (FMIS) under TGFMS is designed to capture, monitor, and analyze forest fire data across Telangana. It records fire incidents, their causes and the actions taken. By documenting interventions and reasons for fires, FMIS supports informed decision-making, efficient resource allocation, and planning of preventive measures. It enhances transparency and accountability, contributing to effective fire management and the sustainable protection of forest ecosystems in the state.

Key Inputs captured:

- Fire locations
- Ground truth of fire locations
- Reason for forest fire
- Action taken
- Fire line created & maintained
- Fire awareness campaigns & Trainings
- Fire equipment procured
- Watch towers
- Fire APO
- Fire action Plan

Information Upload Level: Fire point ground truthing - Range level, Fire line survey -District level, Fire APO- State level & Training Awareness, Mock drills, List of Equipment & Fire action plan –Division level.

Reports:

In FMIS Module

- Abstract** – agreed & not agreed (circle level report)
- Division wise abstract** – Fire locations (Circle & Division wise report)
- Fire details** - Action taken report (Up till beat level)

- d. **Fire Line Survey** – Fire Protection Strategy implementation survey report (District Wise)
- e. **Fire APO reports** (Circle to Division level)
- f. **Fire equipment details** (Circle & Division wise)
- g. **Training awareness program** (Circle to Division level)
- h. **Mock drills** (Circle to Division level)
- i. **Fire action plan** (Circle & Division wise)

7. Forest Cover Change monitoring System (FCCMIS)



Purpose: The Forest Cover Change Monitoring Management Information System tracks changes in forest cover across Telangana using satellite imagery from the current and previous year. It helps identify areas with positive or negative changes and analyzes the underlying causes, such as afforestation, deforestation, or land-use changes. This system supports data-driven planning and policy decisions for better forest conservation and management.

Key Inputs captured:

- Ground truth & test check information of a change point
- Positive or Negative change
- Area
- Reason for change
- TGFD (Telangana Forest Department), FSI (Forest Survey of India) & GEE (Google earth engine) change points

Information Upload Level: Range level

Reports:

In FCCMIS Module

A. TGFD- Cover change reports

- Abstract** report of Change points & Reasons (Circle wise)
- Detailed** report of change points & reasons (Up till beat)
- Acceptance report (Agreed, Not Agreed)** on forest cover changes (Up till beat)
- Details of change point** reports (Up till beat)

B. FSI Cover change reports

- Abstract (Agreed, Not Agreed)** (Up till beat)
- Detailed** report of change points & reasons (Up till beat)

B. GEE/LV Reports

- a. Abstract (Agreed, Not Agreed)** (Up till beat)
- b. Detailed** report of change points & reasons (Up till beat)
- c. Division wise Abstract (Agreed, Not Agreed)**
- d. Reason wise report** (Circle to range level)

8. News paper and TV clippings MIS



Purpose: The Newspaper and TV Clippings MIS monitors' media coverage related to activities of forest department, Policies etc. This module helps in Daily tracking of selected newspapers and TV news channels, compilation of clippings, categorization by topic, date, and source for easy access. This system enables the administration to stay updated on media narratives and respond promptly to issues highlighted in the press.

Key Inputs captured:

- Source of News
- Date
- Newspaper name & edition
- Subject
- Nature of news – Positive or Negative

Information Upload Level: Range level

Reports:

In Newspaper & TV clippings Module

- Abstract Paper clippings** (Circle level that can drill down to division level)
- Paper clippings gallery**
- Date wise – Subject wise Items Covered**
- Date wise news items abstract report**
- Date wise subject wise abstract report**
- Circle wise – view gallery**
- District wise view gallery**
- Date wise out reach**

9. Wild Life Crime and Compensation module



Purpose: The Wildlife Crime and Compensation module in the Management Information System records wildlife crime incidents and tracks preventive actions. It helps monitor illegal activities, ensures timely response, and manages compensation for affected communities. The system enhances enforcement, promotes transparency, and supports wildlife conservation through data-driven decision-making.

Key Inputs captured:

- POR details
- Remand details
- Charge sheet details
- Court proceeding details
- Prevention measure details- Checking of snares/traps etc

Information Upload Level: Range Level

Reports:

In WLCC Module

- a. POR abstract report
- b. POR detailed report
- c. Prevention Abstract report
- d. Prevention detailed report

10. Vehicle management Information system



Purpose: The Vehicle Management Information System records departmental vehicle details, tracks their status, and manages allotments efficiently, ensuring transparency, streamlined operations, and optimal utilization of available transport resources.

Key Inputs captured:

- Vehicle information
- Vehicle type
- Licence number
- RC details
- Year of Manufacture
- Allotment details

Information Upload Level: Range Level.

Reports:

In VMIS Module

- Abstract (Circle-Div-Range):** Vehicle Allotment Abstract (Circle level that can drill down to range level)
- Details Circles:** Vehicle allotment details (Up till beat)
- Details Head office:** Vehicle allotment details of head office

11. Forest Inventory (Control Plot) management Information system



Purpose: The purpose of the Forest Inventory and Assisted Natural Regeneration (ANR) Inventory Management Information System is to systematically capture, manage, and analyze forest inventory data to assess forest resources and health, and to support the design of effective, site-specific restoration strategies.

Key Inputs captured:

- Plot approach
- Enumeration of trees
- Shrub enumeration
- Herb enumeration
- Enumeration of regeneration
- Aided Natural Regeneration Inventory
- Bamboo enumeration

Information Upload Level: Range Level.

Reports:

In FICPMIS Module

- Inventory (CP) Abstract:** Control plot abstract(Circle level that can drill down to range level)
- Abstract –** Status of filling of different forms (Up till Division)
- ANR Abstract 2021-22 :**ANR & bamboo enumeration abstract report (Circle and Division wise)

12. Seed collection Management Information system



Purpose: The Seed Collection Management Information System is designed to efficiently capture, manage, and monitor data on the collection and utilization of various species' seeds across the state.

Key Inputs captured:

- Seed Collection target – Species & its target
- Seed collection Progress
- Grass & legume seed collection
- Seed collection Utilization
- Godown details
- Transportation details

Information Upload Level: Range Level.

Reports:

In PCCF Dashboard

A. Circle Tab

- Abstract :** Abstract of seed collection & Utilization (Circle level which can drill down to section level)
- Seed search:** Species wise seed collection report (Circle level that can drill down to range level)
- Legume :** Legume seed collection report (Circle level which can drill down to range level)
- Grass:** Grass seed collection report (Circle level which can drill down to range level)

B. District Tab

District wise abstract of seed collection & Utilization

13. Field Officer Declaration Management Information system (FODMIS)



Purpose: The Field Officer Declaration Management Information System aims to streamline the submission, tracking, and verification of declaration by field officers, ensuring transparency, accountability, and timely reporting for improved administrative efficiency .

Key Inputs captured:

- CF Dairy & DFO/FDO dairy with the details of the inspections conducted, meetings, Night patrolling, test checking of Head Quarters
- DFO certificate for the Head Quarter declaration

Information Upload Level: CF & FDO/ DFO Level

Reports:

In FODMIS module

- a. **Dairy:** CF & DFO/FDO dairy
- b. **DFO certificate status:** Field officer declaration submission status(District level)
- c. **DFO certificate district wise :** Field officer declaration abstract for the officers (District level)

14. Water Augmentation Information system (WAIS)



Purpose: The Water Augmentation Management Information System captures data on the location and water availability in natural and artificial water bodies within forests, supporting effective planning, conservation efforts, and ensuring sustainable water resource management for wildlife and ecosystem health.

Key Inputs captured:

- Natural & Artificial Water sources
- Area of water source
- Storage capacity
- GPS Location
- Months with water availability
- Photographs

Information Upload Level: Range Level

Reports:

In WAIS module

- a. **Gallery** containing pictures of the natural & Artificial Water bodies

In PCCF Dashboard

- a. Under **Water Augmentation tab** we can find Circle wise abstract of Artificial & natural Water bodies which can drill down to range level

15. Forest Building Infrastructure management information system (FBIMIS)



Purpose: Forest Building Infrastructure Management Information System (FBIMIS) is a digital platform that helps keeping an account of the forest buildings & infrastructure.

Key Inputs captured:

- Building type
- Location
- Scheme under which constructed
- Year of construction
- Cost of construction
- Address

Information Upload Level: Range Level

Reports:

In FBIMIS module

- Abstract:** Gives the abstract of the number of buildings in the State (Circle to range level report)
- Detailed :** Gives the details of the buildings in the State (Circle to range level report)

16. Outreach- Vanadarshini



Purpose: The Outreach MIS (Management Information System) module is designed to track and manage outreach activities conducted by forest departments. It records data on awareness programs, community engagement, training sessions, and stakeholder interactions.

Key Inputs captured:

- Location of Forest Area visited
- School Details
- Student details
- Teacher details
- Activity details
- Officers participated
- Resource person details
- Topics covered

Information Upload Level: Range level

Reports:

In outreach module

- a. School wise abstract (circle wise which can drill down to range level)
- b. Class wise abstract (circle wise which can drill down to range level)
- c. Activity wise abstract (circle wise which can drill down to range level)
- d. Resource persons abstract (circle wise which can drill down to range level)
- e. Resource persons – Forest Department (circle wise which can drill down to range level)
- f. All Schools wise (circle wise which can drill down to range level)
- g. Urban parks visited schools (circle wise which can drill down to range level)
- h. Gallery – Abstract of no. of photos taken(circle wise which can drill down to range level)
- i. All Districts (District wise abstract of outreach programs)
- j. All Divisions (Division wise abstract of outreach programs)

17. Grass lands Development module



Purpose: The Grassland Development Module focuses on the restoration and management of grasslands within forest areas. It supports biodiversity, enhances fodder availability for wildlife, prevents soil erosion, and maintains ecological balance, promoting sustainable forest and wildlife conservation practices.

Key Inputs captured:

- Grass land GPS location
- Area of the Grass land
- Operations carried out in the Grass land
- Kmls & Photos of the Operations

Information Upload Level: Range Level

Reports:

In Grass land Development module

- a. Grass land report (circle wise which can drill down to individual grassland plot)

18. Forest Rejuvenation action plan module (FRAP)



Purpose: The Forest Rejuvenation Action Plan Module records data on interventions like afforestation, soil conservation, and water management, aiding in planning, monitoring, and implementing strategies for restoring degraded forest ecosystems.

Key Inputs captured:

- **Master Data** :Assembly, Gram panchayat & Mandal of a forest block
- **General Information:** GIS & Field based forest Area under each Canopy density.
- **Total Requirement:** Type, Physical and financial requirement of the Intervention proposed for the forest compartment.
- Achievement of the interventions up to last year
- Targets and achievements for this year

Information Upload Level: Range Level

Reports:

In FRAP module

A. Action Plan

- a. **Annexure I** (Scheme wise up to compartment level)
- b. **Action plan** (Green action plan report scheme wise up to compartment level)
- c. **FRAP** (District to GP) (Green action plan scheme wise District to GP level)
- d. **FRAP** (Assembly) (Green action plan scheme wise Assembly level)

B. Abstract Progress

- a. **Activity Wise** (Scheme wise up to compartment level)
- b. **Activity wise- overall** (Overall activity wise cumulative report up to compartment level)
- c. **Area wise** (Annexure-X(b) - Canopy Density Wise Area Treated up to compartment level)

- d. **Area wise – overall** (cumulative Canopy Density Wise Area Treated up to compartment level)
- e. **Detailed report** (FRAP detailed report up to compartment level)

19. Urban Parks



Purpose: The Urban Parks Module captures comprehensive data on urban parks, including their legal status, classification category, and development stage. It supports planning, monitoring, and policy decisions by offering structured, up-to-date insights into park management and infrastructure status.

Key Inputs captured:

A. Basic Details

- Basic details like Block/Cluster, Name of Urban Park, Area proposed for Urban park, Periphery, Forest density, Area under encroachment, Court cases.
- Custody of the Forest Area
- Dominant animals in the Block
- Dominant plant species in the Block
- Water body details
- Root stock details
- Category & Stage of Development

B. Targets

- Add targets for various items of work – Forest boundaries, Entry Plaza, Visitors Zone, Forest Development works.

C. Monthly Progress

- Progress of works on a monthly basis

D. Visitors/Income/Expenditure details

- Passes issued
- Income details
- Expenditure details

Information Upload Level: Range Level

Reports:

In Urban Parks module

- a. Action plan of operation (Agency wise action plan)
- b. Basic details (Circle level)
- c. Department wise progress (Agency wise expenditure details)
- d. Item wise target
- e. Item wise progress
- f. Work estimates & Tenders status
- g. Item wise customized query

20. Court Cases



Purpose: The Court Cases Module records detailed information on legal cases, including case status, proceedings, and judgments. It enables efficient tracking, management, and analysis of ongoing and resolved cases, supporting transparency and informed decision-making across legal and administrative processes.

Key Inputs captured:

- Court case details – Area, WP No. ,Category & Sub category, Year and subject
- Petitioner details – Name, Address & Petitioner list
- Respondent details– Name, Address & Petitioner list
- Filing details
- Case status
- Affidavit
- Written Instructions
- Judgments

Information Upload Level: Division level

Reports

In the court cases module

- a. View Important Judgments
- b. Court cases reports detailed up till Division

21. IT Assets



Purpose: The IT Infrastructure Module tracks details of purchased infrastructure, its allotment, working condition, and AMC (Annual Maintenance Contract) information. It ensures efficient asset management, timely maintenance, and optimal utilization of IT resources across departments and organizational units.

Key Inputs captured:

- IT Infrastructure in Head office, CCF, DFO, FDO & FRO offices
- Year of their purchase
- Model
- Working condition
- Allotment details
- AMC details

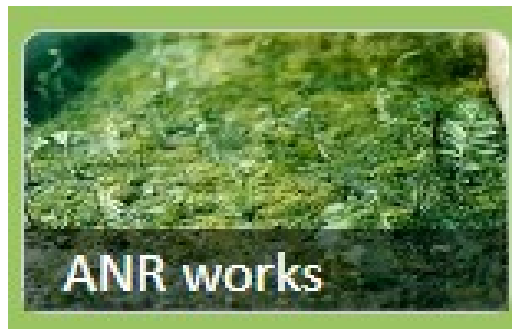
Information Upload Level: Head office, CCF, DFO, FDO & FRO offices

Reports

In the FITMIS module

- Reports (Head Office):** Abstract & Detailed report of the Infrastructure allotted to people and wings in the Head Office
- Reports (Field Offices):** Abstract & Detailed report of the Infrastructure allotted to different officers and offices in the field.

22. ANR Works



Purpose: This module for Assisted Natural Regeneration (ANR) captures essential data on site conditions, interventions, and progress of ANR activities, enabling data-driven strategies for effective planning, monitoring, and enhancement of forest restoration efforts.

Key Inputs captured:

- Forest Block details like area & Perimeter
- Compartment wise details – Canopy density, fire incidents, topography, Dominant species, Weed, Grazing incidence, encroachment etc.
- Compartment wise plantation, ANR works, Fire lines, Peripheral trenches.
- Works Proposed compartment wise
- Work progress
- Kml files of the works done
- Images of the works

Information Upload Level: Range level

Reports

In the ANR Works module

- a. ANR work wise Images
- b. ANR KMLs download

In PCCF Dashboard

- a. **Abstract** of the ANR works carried out in an year (Circle wise which can drill down to Range level.)
- b. **District – Division Abstract** of the ANR works in an year(up till division)

23. Photo Gallery



Purpose: The Photo Gallery module captures and organizes photographs of various works, providing visual documentation for monitoring progress, ensuring transparency, and supporting verification of field activities across different project sites.

Key Inputs captured: Photos related to different works & events

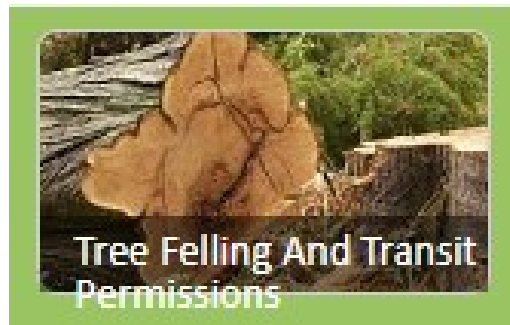
- Plantation
- Nurseries
- Protection
- Wild life
- VIP Visits
- Beedi Leaves
- Water bodies
- Urban parks
- Eco tourism
- Zoo
- FCA
- Others

Information Upload Level: Range level

Reports :

- a. **View Gallery photos:** One can view the photos category wise & up till range

24. Tree Felling Permission



Purpose: An interface provided to apply for the felling of exempted and non exempted species outside the forests.

Key Inputs captured:

Under Application for the felling of Exempted Species (Form 13 A) & Non- Exempted Species (Form 13)

- Applicant details- name, address, number and mail id
- Location where tree felling is proposed
- Area of the plot where tree felling is proposed
- Details of the number of trees, their species, estimated length & Volume
- Reason for felling of the trees.
- Certificate of authentication

Information Upload Level: Range level

Reports :

In the Tree felling permission module under MIS reports third party review

- a. Status of Applications received – Non exempted (District to mandal level)
- b. Status of Applications received –exempted

25. Forest Block treatment module



Purpose: The Forest block treatment module aims at capturing the information about the forest boundary condition and the protection status of the forest blocks as well as the proposed protection structures. It also captures the inventory data as well as the land records data.

Key Inputs captured:

A. Block treatment forms

- Existing Protection structure along RF Block – effective or ineffective
- Length & KML of Effective protection structure i.e Brushwood fence, Barbed wire fence, Chain link fence, CRs masonry wall, Periphery trench, Rough rubble wall etc
- Length & KML of in-effective protection structure i.e Damaged Brushwood fence, Damaged Barbed wire fence, Damaged Chain link fence, Damaged wall, Trench collapsed etc
- Protection structure proposed if not existing
- Length & KML if Protection structure not required due to common boundary with other RF, Railway track, Road, Rivers, Water bodies, Canals, Cliff, Natural valley etc
- Boundary under dispute
- Demarcation details like rough stone cairns/ RCC cairns/pillars/Stone monoliths.
- Names of fringe villages where cattle is entering the RF
- Encroachment area and kml
- Illicit cultivation area and kml
- Gachakaya plantation kml
- Length & kms of fire lines

B. Inventory forms

- Plot Approach
- Enumeration form
- Regeneration form

C. Land Records forms

- Notifications of forest blocks
- Forest lands comprehensive land records reconciliation details
- Format F-III
- Update details of area included in pahani

Information Upload Level: Range level, Division & District level

Reports :

In FBTMIS module

A. Block treatment Reports

- Block Protection detailed (Circle level abstract that can grill down to the protection structure)
- Block protection KML downloads- block wise
- Block fencing – Protection type (Division level)
- Block Protection – (Circle level that can grill down to forest block level)
- Gachakaya plantation- (Circle level that can grill down to division level)
- Demarcation –RF boundary demarcation (Circle level that can grill down to division level)

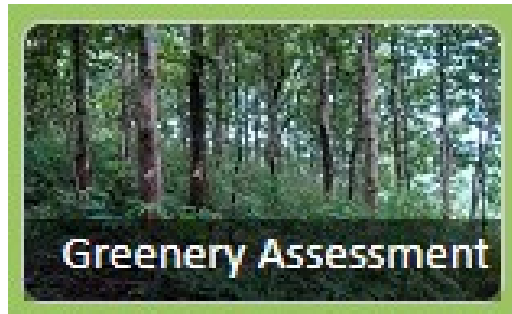
B. Inventory Reports

- Inventory abstract – Circle
- Inventory abstract – District
- Enumeration abstract
- Regeneration abstract
- Circle enumeration – Classification details

C. Land records Reports

- Proforma A circle abstract
- Proforma A District abstract
- Proforma A District wise dispute category wise abstract
- Format F-III abstract
- Format F-III dispute category wise abstract
- Notifications of forest block abstract
- Notifications of forest block detailed
- Proforma A –Block wise Sy.Nos

26. Greenery Assessment Module



Purpose: To assess the canopy density of the land parcels outside the RF, the number and details of the trees and the presence of Wild life if any in such parcels.

Key Inputs captured:

- Survey number of Land Parcel
- Land type – Private/ Govt / Others
- Canopy density of land parcel
- No. of trees and their details
- Natural body in the land parcel & its area
- Wild life species present
- Land litigation details

Information Upload Level: Range level

Reports:

In Greenery assessment module

- a. District wise abstract
- b. Division wise abstract
- c. Range wise abstract
- d. District wise detailed report
- e. Phase –II- Detailed Annexure III report