

Office of the PCCF (Principal Chief Conservator of Forest), Odisha

FLI-DSS

(Forest Land Information - Decision Support System)

USER MANUAL

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1. Background

Hon'ble Supreme Court of India in their landmark judgement dated 6th July 2011, directed for creation and regular updating of GIS based decision support database incorporating all kinds of forest lands for effective protection and conservation of the Forests. The Government of Odisha in Forest, Environment & Climate Change department took immediate proactive steps for development of a Standard Operating Procedure (SOP) for implementation of hon'ble Supreme Court directives through carrying out the Georeferencing of all kinds of Forest Lands to prepare the Forestland Geodatabase and subsequent development of the GIS based Forest Land Information & Decision Support System (FLI-DSS) to disseminate Forest land information for effective decision support in Forest management.

2. Overview of FLI-DSS

FLI-DSS has been developed as a comprehensive forest land information resource platform for all types of forest lands in the state facilitating forest land information dissemination, analysis, and reporting. The architectural structure of FLI-DSS is organized in a set of coherently integrated functional modules. Schematic representation of the modular structure and modules of FLI-DSS is presented below.



3. Accessing FLI-DSS

The Web GIS based FLI-DSS application modules can be accessed from any desktop/ portable computing device with the internet connectivity. In order to access the FLI-DSS, open the web browser such as *Google Chrome* on an internet connected computing device and follow the steps.

- Key-in the URL <u>https://odishaforestgeodss.in</u> on the browser URL bar and press <Return> key to request the FLI-DSS application from the Server.
- The Home Page of FLI-DSS will be displayed as follows, with header menu options including downloading of the PDF file of this *User Manual*.



(FLI-DSS Home page)

4. Signing-in to FLI-DSS

The system is access protected through implementation of user authentication and authorization mechanisms. Follow the steps to logon to the FLI-DSS application.

- Key-in your assigned Username and Password in the designated text boxes, input the captcha value, and click on <Login> button to access the system functionalities.
- In case you forgot the password, click on the *Forgot Password* link present at the bottom of the login screen and follow the guided procedure to retrieve your password.

5. Dashboard

Dashboard presents the summarized and statistical information on progress of Georeferencing of Forest Lands (GRFL) in the state. The work of GRFL is being undertaken in four phases. Each phase covers a number of Forest divisions from all forest circles.

 The information cards on top of the dashboard presents the statewide overall progress of georeferencing of Notified Forest Blocks and DLC/ Revenue Forest lands.



(Dashboard View)

- The bar chart presents phase-wise progress of the Georeferencing of Forest Land for different types of forest lands in Forest Circle/ Forest Division/ Range. The chart presents comparative visualization of targeted data Vs achievement data for better understanding and appreciation.
- The interactive charts display the forest circle level information by default. The chart can be drilled down to present information at Division & Range Level.
 - Circle level Chart: Click on any of the *Forest Circle Name* of the bar chart to open the Forest Division level chart for the respective forest circle.
 - Forest Division level Chart: Click on any Forest Division Name of the bar chart to open the Range Level chart for the respective forest division.
 - Click on the <Back> button to go back to the previous chart level.
- The chart legends also function as toggle button to switch on/ off the corresponding forest land type data.
 - Click on the Map Legend buttons to switch on/ off corresponding data presentation from the bar chart.

- The Chart Context menu present on the top right corner of the chart can be used to chart utility functions such as Downloading of Chart in various common picture format, printing of chart etc.
 - Click on the Chart Context menu to open the context menu and click on the respective menu options to execute the corresponding operations.
- The Chart Context menu present on the top right corner of the chart can be used to access the chart utility functions such as Downloading of Chart in various common picture format, printing of chart etc.



(Dashboard View with options for selection of Phase)

6. Forest Land Details:

 The module on Forest land details provides Forest Division wise information on Forest Blocks (nos./ area in KM²) and recorded forest information (area in KM²).

ODISH/	A FLI-DSS	(Forest Land Detail	5)		
Geo-referen	iced Forest Lan	d Details			
D PDF	🔁 Excel 🔒	linet		Search	- a
t. SI. No.	1. Circle	Division	Geo-referenced Natified Forest Black Area (in SqKm.)	Geo-referenced DLC & Revenue Forest(as per RoR) Land Area (in SgKm.)	Total
1	Angul	Angul	201.30 (127 FBs)	358.01	1059.32
2	Angul	Athamallik	594.81 (45 FBs)	339.00	933.82
3	Angui	Athgach	498.50 (56 FBs)	89.73	588.22
4	Angul	Cuttack	0.00 (0 FBs)	0.00	0.00
5	Baripada	Katarijia	4 <u>32.06 (</u> 251 #8s)	209.40	641.46
e	Baripada	Rairangpur	359.43 (76 FBs)	167.78	522.21
7	Baripada	Similipal South WL	0.00.(G FBa)	15:42	16.47
8	Berhempur	Balliguda	0.00 (0 FBs)	427.52	427.B2
9	Bethampur	Baudh	0.00 (47 FBs)	225.20	225.20
10	Berhampur	Phulbani	<u>1449.18 (</u> 96 FBs)	264.47	1709.65
11	Bhawanipatna	Kalahandi North	1054.44 (B1 FBs)	158.55	1212:99

(Forest Circle/ Division wise Notified Forest & Revenue Forest Area details)

Forest Block Information

• Clicking on the hyperlinked Forest Block Area value of the individual Forest Division opens Forest Range wise Forest Block information.

ODISHA FLI-DSS (Forest Land Details) Geo-referenced Forest Land Details											
Notified	Forest Land	Details of Angul D	ivision					C 84			
2 PC	Excel	a Pret						Search			
8	F(Ha.) :48812	.52 (Fill: 66)	PRF(Ha.) :206	53.96 (F8s(29)	PF(Ha.) :228.91 (FB1.7)	DPF(Ha.) :435.04 :re	isiti Total Area(4a.): 70130.44 (F8s 127)			
SL No. 1	Range	FB Name	F8 Type	Notification No.	Notification Date	Notified FB Area(Ha.)	Geo-referenced Notified FB Area(Ha.)	View map/report			
1	Angul	Badadandasahi	RF	967/75	15-01-1976	294.62	295.20	13			
2	Angut	Burn	PRF	218/65, 78445/R	09-12-1965	2958.36	2968.94				
3	Angui	Chandenpur	PRF	215/65, 78749/R	04-12-1965	470.26	396.71				
4	Angul	Dorjang Golabandha	PRF	177/65,77449/9	09-12-1965	8.67	21.24				
5	Angul	Deriang- Golabandha (P)	RF	FS. 6/99, 11772/R	01-03-2000	166.16	161.71				
6	Angul	Guzanga	RE	231/80	15-04+1980	49.78	55:13)				
-	\$20.00m	and the second street	1000	and a second second	AN 1.0 XA.	770 00	1000 A.A.	-			

(Forest Range wise Notified Forest Area details)

 The list of Forest Blocks displays the Forest blocks details such as Forest Block Name, Block Type, Notification Number, Notification Date, Area as per Notification, area as per DGPS survey.

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(à PD	Di Excel	🖶 Print						SearchQ
R	F(Ha.) :48812.5	Z (F81184)	PRF(Ha.) :206	53.94 (PRL 21)	PF(Ha.) (228.91 (FHs.7)	DPF(Ha.) (435.04)F	ov ti Total Area(H	a.) : 70130,44 (FB): L27)
SI. No. T	Range	FB Name	F8 Type	Notification No.	Notification Date	Notified FB Area(Ha.)	Geo-referenced Notified F8 Area(Ha.)	View map/report
1	Angul	Badadandasahi	RF	967/75	15-01-1976	794.62	295.20	
2	Annul	Burti	PBF	218/65: 78445/R	09-12-1965	295B.36	2968.94	9 View in Map
	see poo							CMV Report
3	Angul	Chandanpur	PRF	215/65, 78749/R	04-12-1965	470.26	396.71	MMV Report
4	Angul	Derjang- Golabaridha	PRF	177/65,77449/R	09-12-1965	B.67	21.24	FRJVC Report
5	Angul	Derjang- Golabaodha (P)	RF	FS. 6/99. 11772/R	01-03-2000	166.16	161.71	Suppl. Natification
6	Angul	Gurange	RF	231/80	15-04-1980	49.7B	55.13	E
7	Angul	Hinser Sorishpel	PRF	FS, 175/65,77469/R	09-12-1965	779.05	779.41	
8	Angul	Jukub	PF	825	13-01-2015	4.86	4.91	
0	Annul	Falanat	DDE	217/06 202000	09.13.1966	1202.96	1002.26	-

(Forest Block wise Notified Forest Area details - context menu for Map & Report view)

 Click on the "Application Icon Button" located at the end of each Forest Block Data Row provides link for the authenticated reports available against each of the Forest blocks such as CMV Report, MMV Report, FRJVC Report, FSO Certified Map & Report, and Re-notification Proposal etc.



(Forest Block Map displaying Forest Block Information)

Recorded Forest Information

- Clicking on the hyperlinked Revenue/ DLC Area Value of the individual Forest Division opens Tehsil wise recorded forest information (*Revenue Area, DLC Area & Common area involved in Revenue & DLC*)
- The "View Report" column located at the end of each record provides hyperlink for opening the authenticated Revenue Forest & DLC Land report approved by the respective Tehsildars.
 - Select the "DLC" option from the menu to open the Tehsildar authenticated "DLC Land Report" for the selected Tehsil.
 - Select the "Revenue" option from the menu to open the Tehsildar authenticated "Revenue Forest Report" for the selected Tehsil.
- Clicking on the hyperlinked *Tehsil Names* of the individual Tehsil opens village wise recorded forest information (Village name, *Revenue Area*, *DLC Area* & *Common area involved in Revenue* & *DLC*)
- Village Level Information
 - Clicking on the hyperlinked Village Names of the individual Village opens Khata/ Plot wise recorded forest information such as Khata Number, Plot Number, Land Type, Area (in Acre), Recorded Area Type (Revenue/ DLC).
 - There is a "Map View" icon button at the end of each record. Clicking on the it displays the selected plot on map view.
 - Click on the "Map View" icon button to open the map view and display the selected plot on map view.

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Geo-refere	nced Forest Lan	d Details			
D PDF	🗄 Excel	Frint		Search	- a
t SI. No.	1. Circle	Division	Geo-referenced Notified Forest Block Area (in SaXm.)	Geo-referenced DLC & Revenue Forest(as per RoR) Land Area (in SgKm.)	Total
1	Angul	Angul	201.30.(127 FBs)	358.01	1059.32
2	Angul	Athamalük	<u>594.81 (</u> 45 FBs)	339.00	933.82
3	Angul	Athgach	498.50.(56 FBs)	89.73	588.22
4	Angul	Cutteck	0.00 (0 FBs)	0.00	0.00
5	Baripada	Karanjia	4 <u>32.06 (</u> 251 #8s)	209.40	641.46
6	Baripada	Rairangpur	359.43 (76 FBs)	167.78	522.21
7	Baripada	Similipal South WL	0.00.(G FBs)	15.4Z	16.47
8	Berhampur	Balliguda	0.00.(0 FBs)	427.82	427.B2
9	Bethampur	Boudh	0.00_(47 FBs)	225.20	225.20
10	Berhampur	Phutbani	1449.16 (96 FB4)	260.47	1709.65
11	Bhawanipatna	Kalahandi North	1054.44 (B1 FBs)	158.55	1212.99

(Forest Circle/ Division wise Notified Forest & Revenue Forest Area details)

Geo-refere	nced Forest Lan	d Details				
Tahasil Wir	e Recorded Re	venue Forest Det	ails for Angul Division			
	Acre	Hectare		(DLC - 18114.20 Acre) (Heynnun Forestins per HoR	- 78362 20 Acre) (Total Recorded Forest -	88478.90
		da.			Common Revenue Forest & DLC :	10104.37
D PDF	12 Excel	Pont			Search	
SL No. 1	Tahsil 1	DLC (Acre)	Revenue Forest(as per RoR) (Acre)	Total Recorded Forest(DLC & Revenue) (Acro)	Common Revenue Forest & DLC(Acro)	View report
3	Talcher	465.71	10595.27	11060.BB	465.55	•
2	Angul	2770.53	7598.36	10368.89	2761.03	
3	Kaniha	5133.49	37731.96	42865.45	5133,49	
4	Chhendioada	652.21	21008.87	21661.08	652.21	
	25	1002 75	1427.74	3530.50	1092.09	

(Tehsil wise Recorded Forest – Revenue Forest/ DLC Area details)

	ODISHA FI	LI-DSS (Forest Lar	nd Details)			٩						
1	Geo-referenced F	orest Land Details										
	Revenue village v	Revenue village wise recorded forest land details for Talcher Tahasil of Angui Division										
	B POF B E	ecol 🔒 Print		(DLC - 465.55 A	ers) (Revenue Forestian per RoH) : 1059	5.27 Acre) Total Recorded Finnet 11526.37 Acre (Common Revenue Forest & DLC : 465.55 Acre Search						
	SL No. T.	Village	DLC(Acre)	Revenue Forest(as per RoR)(Acre)	Total Recorded Forest(Acre)	Common Revenue Forest & DLC(Acre)						
	3	Bihariput	0.00	11.22	11.22	0.00						
	2	Ekadosiour	7.50	0.00	7.50	7.50						
	3	Dablin	0.00	6.76	5,76	0.00						
	4	Anandaeut	10.60	0.00	10.60	10.60						
	5	Dullayout	0.69	0.00	0.69	0.69						
	6	Narabatiput	0.00	132.21	132.21	0.00						
	7	Sarkishorepal	0.00	3.00	3.00	0.00						
	в	Davanishipur	0.00	2.08	2.08	0.00						
	9	Badapasi	0.00	0.59	0.59	0.00						

(Village wise Recorded Forest – Revenue Forest/ DLC Area details)

Geo-reference	ed Forest Land Detail	S				
Recorded for	est land details for B	<i>haripur</i> Village under Ta	alcher Tahasil of Angul Di	vision		3
			DLC 0.00 Arre) (Revenue	e Forest(as per RoR) -11.22 Acre	(Tutal Recorded Forest 11.22 Aire)	Common Revenue Forest & DLC : 0.00 /
D PDF	Exami A Prime					Search
SL No. T.	Schata No.	Plot No.	Area(Acre)	Kissam	Recorded Forest Type	Wiew in Map
1	134	534	4.74	Gremya Janggal	Revenue Forest	
2	131	535	6.48	Janggal Dui	Revenue Forest	
			1 (c) (d)	1000		

(Land Parcel - Plot level – Revenue Forest/ DLC Area details)

l	Division Disturce Angul	~ Revenue Forest and DLC	- Advanc	a Filter	Map Du	6	Show
	😒 :: II 🖊 O	1	/	(-	
w	Forest Land Type ~			Revenue Details	KYFL Details	-	
1	Notified Forest		\sim	Division :	Angul		
				Tahasil :	Tatcher		
	🗌 Provisional Boundary 🔥 📒 🗳	1 /		RI Circle :	Godibandha	13	an
		2		Village Name :	Biharipur		
	Revenue Farest and DLC A	12		Khata No :	131		
	DRFL I			PLot No :	535		
R	Administrative Boundary a	1 mg -		RoR Area(Acre) :	6.48		
	Automative occurative			Roft Kissam :	Janggal Dui		
	Forest Administrative Boundary)			DLC Forest :	N		
	Protected Area			Land Type :	Govt Forest		\sim
	Hydrological Layers					-	~ ("
	Transport Layers				~~		57
	Reference Data Overlay 9			-			N

(Map View of Revenue/ DLC land parcel – Land parcel information details)

- The Data View screens features the "Back" button to move to the previous screen. Click on the "Back" button on individual application views to move to the previous application screens.
- The Data View screens features the data export button sets (PDF, XLS) and print button to export and print the data view as report. Click on the corresponding buttons to export/ print the data.

7. Forest Land Information:

The Forest land Information module presents comprehensive geo-spatial information about different types of forest land in the state in an easy-to-use map view platform. This also facilitates auxiliary map data layers and map tools for spatial analysis and information generation.

Top-bar of the Forest land information module facilitates top-level map view control options and functionalities as described below.

Forest D	ivision/ [District selection		Forest Type			N	1ap/ Dat	a View	
Drvision	District	Angul	Y	Notified Forest	٠	Advance Filter		Мар	Data	Show
				(Map view	/er t	op-bar)				

- Selection of Administrative Unit: The top-bar feature on the map viewer provides options for selection of the administrative unit as Forest Division or
 - District.
 - Click on the Division/ District button located at the left-top corner of the map view interface to select the forest administrative unit of revenue administrative unit.
 - Select Forest Division/ District from the drop-down-list and click on the <Show> button to display the corresponding division/ district boundaries.
 - Selection Forest Type: The top-bar feature on the map viewer provides options for selection of the type of Forests (Notified Forests/ Revenue & DLC Forests) from the drop-down menu.
 - Select the type of Forests (*Notified Forest/ Revenue & DLC Forest*) from the drop-down-list and click on the <Show> button to display the selected Forest types on the Map Viewer.
 - Selection through Advance Filter: The top-bar feature on the map viewer provides options for granular selection of the Forest Administrative units at the Range level and also provides a user defined filter criteria for selection of the Forests for display on the map viewer.
 - Select the Forest Range from the drop-down list.

Advance Filter		\times
Range	Area	
Select	V Notified Area(Ha.)	×
	Operator	
	Operator	~
	Value	
	Enter Value	
	Apply	

- Select type of area options (*Notified Area, CMV Area, JV Area and DGPS Area*) from the Area Filter from the Area drop-down list.
- Select Relational Operator options (==, <=, >=, !=) from the dropdown list.
- Input the filter value in the Value textbox.
- Click on Apply button to apply the Filter and select the appropriate forests data.
- Options for viewing of Map/ Data: The top-bar feature on the map viewer also provides options for viewing the data in Map / Tabular data format.
 - Click on the <Map> button on the top-bar to select display of the Forest Map on the map viewer.
 - Click on the <Data> button on the top-bat to select display of the Forest Data on the data viewer.
 - Click on the <Show> button to display the selected Forests on the Map viewer.

Map Viewer

Data Layers in ToC Panel: The Data Layer panel on the map viewer is available in the form of Table of Content (ToC) which facilitates a list of control checkboxes representing the Data Layers organized in data layer groups. User can select any data layers from the layer groups to display the selected map layers on the map viewer user interface.



(Forest Land information presented on Map viewer)

- Selection of Data Layers: The map viewer presents a data layer Table of Content (ToC) with list of data layers grouped into logical groupings.
 - Forest Lands
 - Administrative Boundaries
 - o Forest Administrative Boundaries
 - Protected Area
 - Hydrological Layers
 - Transport Layers
 - Reference Data Overlay
- The data layers can be interactively selected/ deselected to present the respective data layers in the map viewer.
- Click on the data layer group header title to display the data layers present in the corresponding layer group.
- Click on the Check Boxes corresponding to the Data Layers to Select/ Deselect the respective data layers.
 - Selection of data layers will display the corresponding data layers on the Map viewer.
 - You can select any combination of the data layers from the different data layer groups to display the corresponding data layers on the map viewer for analysis and generation of information.

Data layers available under different groups

Click on the Data Layers Icon Button to display the Data Layers as described below.

- Forest Land
 - Notified Forest Boundary: displays Notified Forest boundaries within selected Forest jurisdiction.
 - Provisional Forest Boundary: displays the pre-final forest boundary of respective Notified Forests.
 - Revenue Forest/ DLC: displays the Revenue Forest land parcels and District Level Committee (DLC) approved land parcels.
 - DRFL: presents the Degraded Revenue Forest Lands (DRFL) verified by the respective Forest divisions.

• Administrative Boundaries

- District: displays the selected District boundaries.
- Tehsil: displays Tehsil boundaries within selected District/ Forest Division boundaries.
- Village: displays the Revenue Village boundaries within the selected District/ Forest Division.

• Forest Administrative Boundaries

- Division: displays the selected Forest Division boundaries.
- Range: displays Forest Range boundaries within selected Forest Division boundaries.
- Section: displays Forest Section boundaries within selected Forest Division.
- Beat: displays Forest Beat boundaries within selected Forest Division.

• Protected Area

- Sanctuary Boundary: displays the Sanctuary boundaries.
- Eco-sensitive Zone: displays the Eco-sensitive zone boundaries.
- DGPS Survey Mining Area: displays the approved mining area boundaries within the state.

• Hydrological Layers

- Rivers: displays the River data layer.
- Reservoirs: displays Reservoirs data layers

- Transport layers
 - Displays Railway lines.
- Reference Data layers
 - HRSI: displays the High-Resolution Satellite Imagery Resource sat MX4 (5.8 meter resolution)
 - Sol OSM Toposheets: displays Survey of India Open Series Map Topographic Map sheets.
 - Working Plan Maps: displays Forest working plan maps (as available from the respective Forest divisions)
 - FSI Forest Cover Maps: displays the forest cover maps published by the Forest Survey of India (FSI) in the State Forest Reports for the respective years.

Map Tools: Map Viewer presents a set of common GIS Map Tools to facilitate map display, maneuvering and information generation and display.



Map Layers

Click on the Map Layer icon button to display the Map Layer Panel displaying the Map Layers



(Map Viewer - Data Layer Panel)

Map Information Window

Click on any of the Forest Block/ Forest land Parcel to view the Information Window describing the information of the respective Forest Block/ Revenue-DLC Forest land parcel.



(Map Viewer – Information Window)

Map Legends

Click on the Map Legend icon button to display the Legends for the map representation of the important data layers.



(Map Viewer – Map Legends)

Bas Maps

Click on the Base Map icon button to display the list of available Base Maps. Brief description of the available Base Maps are as follows.

- Imagery: displays the Satellite Imagery
- Street Map: displays the street map for the selected area.
- OSM (Open-Source Map) from the open layers.



(Map Viewer – Base Maps)

Map Measurement

Click on the Measurement Icon button to display the options for measurement of Length as well as Area on the map.



(Map Viewer - Measurement of Area & Length)

Data Viewer

The Data Viewer displays the selected Forest land information in the form of a Data Table. The data table presents the information in the form of rows and columns. Each row represents the Notified Forest Block / Revenue DLC Forest as per the selected option.

Data View of the Forest Blocks

The Forest Block data view presents the information on the

- Type of Notified Forest such as RF/ PRF/DPF etc.
- Forest Block name
- Forest Block Notification Number
- Forest block Area (in Ha. & Ac.)
- Action Buttons (View Information/ View on Map)
 - Click on the "Information" icon button to display the information window related to the Forest Block
 - Click on the "View on Map" icon button to display the selected Forest Block on Map interface.

ODISHA	FLI-DSS (Forest	Land Informatio	n)				
Division	G_0.31 Athematik	~	Forest	Advance Filter	Map	Data	un I
Notified Fore	st						
Results : 10							Search
SI No T	Forest Land Type	Range Name	11 NFB Name	NFB Type	Area in ha.	Area in Acre	Action
4	Notified Forest	Handaga	Dandarogudi	RF	162.86	402.43	
2	Notified Forest	Handapa	Kədəlimundə	RF	274.40	678.06	•
3	Notified Forest	Athamallik	Hatidhara	RF	14870.40	36745.51	•
4	Notified Porest	Athamallik	Kusumkhuhri	RF	608.83	1504.46	
5	Notified Forest	Athamatlik	Mahendrapur	RF	424,17	1048.14	
ō	Notified Forest	Dhandatopa	Kutulsinga	RF	1451,50	3586.74	
z	Notified Forest	Athamallik	Taleipathar	BE	6982.91	17255.11	
8	Notified Forest	Madhapur	East Baruni	RF	1485.85	3671.61	•••
9	Natified Forest	Madhapur	West Baruni	RE	367.24	907.47	

(Data View of Forest Blocks)

	ODISHA I	FLI-DSS (Fore	st Land '	FB Name:	Dandarugudi				1				ę
	Division	Athanala	£		2.0.1001 2 3 220			-	Mio	Dato	Sha	w 1	
Ð				CMV Area	(Ha.) :		159.448		-				
	Notified Forest	5 J		MMV Area	(Ha.):		147.097						
0	Recotts 10			IV Area(H	a.) :		162.804						
	CH104261 2001			JV Catego	ry :		A						
	ST No. 1	Forest Land Type	Range Non	DGP5 Dra	ft Area(Ha.) :		162.86		ha.	Ares in Acre		Action	
	1	Notified Forest	Handapa	FSO Certi	fied Area(Ha.) :		162.858			402.43			
	2	Notified Forest	Handapa						1	678.06			
	а	Notified Forest	Athamattik		Hatidhars	н÷		14870	40	36749.51		00	
	(4)	Notified Forest	Athamailik		Kusumkhuhri	ЦЕ		600.00		1504.46		80	
	5	Notified Forest	Athamattik		Mationdraput	RE		424.17		1048.14			
	6	Notified Forest	Dhandatopa		Kututkinga	RF		1451 5	8	3586.74			
	2	Notified Forest	Athamatlik		Talespothar	RE		5962.5	ŧ	17265.11			
		Notified Forest	Medhapian		ENIT EXTUD	RE		1,449.50	E :	3671.61			
												-	

(Forest Block Data View Information)



(Forest Block Map View Information)

Data View of the Revenue-DLC Forest Land Parcel

The Revenue-DLC Forest data view presents the following information in tabular format.

- Type of Notified Forest such as Revenue/ DLC
- o Tehsil, RI Circle, Revenue Village name
- o Land parcel (plot) number
- Area (in Ha./ Ac.)
- Action Buttons (View Information/ View on Map)
 - Click on the "Information" icon button to display the information window related to the Revenue/ DLC Forest land parcel.

• Click on the "View on Map" icon button to display the selected Revenue/ DLC land parcel on Map.

Divis	iion	District Athamaliik	~ H	evenue Forest and DLC	- Advance	a Filtor	Мар	Data Show	
DLC &	Reven	ue(as per ROR)							
Results	10								Search
SL No	,ti	Forest Land Type	Tahasil 14	RI Circle	Village	Plot No	Area in ha. 📑	Area in Acre	Action
i		DLC forest	Athamallik	Sanahula	Dangadar	18	0.210	0.52	
2		DLC forest	Athamallik	Sanahula	Dangadar	23	0.081	0.2	
з		DLC forest	Athamallik	Sanahula	Dangadar	27	0.065	0.16	•
4		DLC forest	Athamallik	Sanahula	Dangadar	73	0.138	0.34	
5		Revenue Forest	Athamallik	Sanahula	Dangadar	75	0.178	0.44	
6		DLC forest	Athamallik	Sanahula	Dangadar	149	0.073	0.18	E
7		Revenue Forest	Athamatlik	Sanahula	Dangadar	164	0.247	0.61	
8		Revenue Forest	Athamallik	Sanahula	Dangadar	2	1.068	2.64	
9		Revenue Forest	Athamatlik	Sanahula	Dangadar	3	0.117	0.29	

(Data View of Revenue/ DLC Forest Land Parcels)

10	-		Revenue notest not be	etaits	ы.		_
Division	Disting Atta	mallik			Man	Data Shoy	
-			District :	Angul			
DLC & Rever	ue(as per ROR)		Division :	Athamallik	_		
			Tahasil :	Athamallik			
Results 10			Range :	Handapa			
			RI Circle :	Sanahula			
	Forest Land	1 22 1	P5 :	Handapa	a 100 1		12.12
SI 149 1	1 Y D 0	ARRANG	Village :	Dangadar	Area in ha	Area in Acre	Action
31	DLC forest	Athamatlik	Publication Year:	1976	0:210	0.52	
		and the second	Khata No :	17	Contraction of the Contraction o	14.73	are are
2	DEC MARY	etnamatte	Plot Code :	1402233-18	C UH1	10.2	
3	DLC forest	Athamatlik	P5 :	Handapa	0.065	9,16	
-		and the second	Thana No :	55	10,000	141452	-
2		ALUATION	Kissam :	Janggal Dui	0.138	0.34	
-	Revenue Forest	Athamallik	ROR Class:	ALA	0.178	0.44	
		and the second second	Land Class :	Govt Forest		(ALC N DEC	-
*	DEC Torest	ACREMENTS	Is DLC Forest? :	¥.	0.073	0.1 =	
7	Revenue Forest	Athamallik	Area(Acre) :	0.52	0.247	0.61	80

(Revenue/ DLC Forest Land Parcels Data View information)



(Revenue/ DLC Forest Land Parcels Map View information)

8. Forest land Decision Support Information:

The Forest land Decision Support Information Module facilitates generation of Forest land information to assist the decision makers in query and analysis of the Forest lands in different forest & revenue administrative jurisdictions as well as assist in identification & assessment of extent of forest land involvement in a specific area boundary.

Assessment of Forest land involvement

The Application Module facilitates easy-to-use simple map based user interface to input the user defines area of interest on the interactive map and to compute the forest land involvement within the area of interest. The application module facilitates input through interactive drawing of the AoI or import of a KML file as the AoI to proceed with assessment of involvement of forest land. The map interface facilitates view of the multiple base map options such as Open Series Map (OSM), Satellite Imagery for effective visual presentation. The output is presented through a map report containing the map of the AoI showing the Forest land involvement, the detailed schedule of forest land. Besides, the module also facilitates generation of buffer area for assessment of involvement of forest land.

8.1 Point of Interest (PoI) based assessment of forest land involvement.

- On the left panel of the user interface, select the appropriate radio button to input the type of AoI input to the system.
- Select "Location" option from the radio-button set to select a location coordinate as Point of Interest.
 - Key-in the Latitude & Longitude value of the coordinate in the

respective textboxes.

- Click on <Show on Map> button to display the coordinate on Map. You may verify the visual positioning of the location coordinate on the exact location.
- Click on the <Pol Analysis> button to generate the Forest land assessment report on the location coordinate position.
- The forest land involvement information will appear in an information panel on the right side of the map viewer user interface.



(Involvement of Forest lands in a point location – Pol Analysis)

8.2 Area of Interest (AoI) based assessment of forest land involvement.

- On the left panel of the user interface, select the appropriate radio button to input the type of AoI input to the system.
- Select "Area" option from the radio-button set to select a polygon as Area of Interest.
 - Draw Polygon: option for drawing a polygon interactively on the map. Draw the desired Polygon on the map.
 - Click on the <Show on Map> button to present a zoom-in view of the drawn polygon on the map viewer.
 - Click on the <AoI Analysis> button to proceed with the analysis and generate information on forest land involvement in within the AoI of the drawn polygon.



(Involvement of Forest lands in an Area Polygon – Aol Analysis)

- The result of AoI analysis is displayed in an information panel aligned towards the right side of the map viewer interface. The forest land information broadly includes the *AoI area, area extent of forest land, type of forests, forest administrative jurisdictions* within the AoI.
- Click on the <View Detail> button located at the bottom of the Forest Information panel window to get further detailed information on the involvement of forest land within the AoI.

FLI DSS (Area of Intere	st) Aol Detail Aol Summ	Report						<
	Aol Area				18272.68	15 (Ha.)		
Area of Interest	Forest Lar	ad involvement						
Location	• Notified F	arest Area			12659.19	18 (Ha.)		
	Recorded	Forest Area			1975.36	(Ha.)		
Draw Polygon	Other For	est Area			0 (Ha.)			
Invest Polyagos	Total For	rst Area			14634.56	i8 (Ha I		
Buffer Zone Enter in Krns	Non-Fore	st Area			3638.116	i (Ha.)		
Maximum range onto 10kms	Total Aol	Area			18272.68	i5 (Ha.)		
Show on Atag	NFB Deta	ils						
Ani Aminjan 🔺 1911	SL No.	† Division	Range	Forest Block		Forest Type	Area in Aul	
	1	Athamallik	Athamallik	Hatidhara		RF	9760.695	
	2	Athamallik	Athamallik	Mahendrapu		RF	269.378	
	3	Athamallik	Athamallik	Taleipathar		RF	2492.876	
	4	Athamallik	Dhandatopa	Thakurgarh		DPF	146.246	
	Sanctuary	Details	+	0 🕤				

(Details of Forest Land involvement within an AoI)

	FLI DSS (Area of Interest)	Oth	er Revenue I	orest Details		0		4 5 .	. 125 →	
		5L	No. Tahasit	Village	Khata No:	Plot No.	Plot Area	Area within Aol	Kissam	Land Type
9	Area of Informat		Athama	lik Alekhpur	26	330	3.7	2.308	Janggal Dui	Govt. Forest
	Area of interest	2	Athama	Lik Aleknpur	29	8	21.2	7.868	Gramya Janggal	Govt. Forest
	🔘 Location 🛛 Area	3	Athama	Lik Amasama	28	37.4	23.6	9.34	Gramva Jänggal	Govt. Forest
1	Umw Polypon	4	Athama	lik Antaca	59	1	0.94	0.381	Janggal Dui	Govt. Forest
			Athama	Uk Antara	59	19	0.74	0.286	Janggal Du)	Govt. Forest
<u>`</u>	Amport Providen	6	Athama	lik Antara	5.9	6	0.71	0.089	Janggal Dui	Govt. Farest
	Buffer Zone Enter in Kins	7	Athama	Lik Arampur	20	214	1.98	0.848	Janggal Dui	Private Forest
2	Maximum range upto 10kme		Athama	Lik Arampur	20	69	4.02	1.769	langgal Dui	Private Forest
1	Stow on Maar	9	Athama	lik Arampur	43	53	6.3	2.581	Gramya Janggal	Govt. Forest
3	provide granting	10	Athama	llik Badabandha	35	1	8.44	3.617	Gramya Janggal	Govt. Forest
		11	Athama	lik Badabandha	35	80	1.56	0.677	Gramya Janggal	Govt. Forest
2		12	Athama	lik Basudebapur	31	291	7	2.997	Gramya Janggal	Govt. Forest
5		13	Athama	lik Bhuasuninali	21	280	3.82	1,629	Gramya Janggal	Govt. Forest
		14	Athama	Uk Bhuasuninali	21	318	1.08	0.409	Gramya Janggal	Govt. Forest
		15	Athama	Uk Chintemenipur	31	49	0.06	0.02	Janggal Dui	Govt. Forest
		16	Athama	lik Chintamanipur	34	1	0.16	0.012	Gramya Janggal	Govt. Forest
		17	Athama	lik Dhandatopa	25	196	6	2.423	Gramya Janggal	Govt. Forest
		18	Athama	lik Dhandatopa	26	183	1.35	0.493	Janggal Dui	Govt Forest
		19	Athama	lik Dhandatopa	26	192	2.02	0.275	Janggal Dui	Govt. Forest

(Details of Revenue/ DLC Forest Land involvement within an Aol)

- Click on the <Print> button located at the bottom of the Forest Information panel window to generate and print the map-based report on involvement of Forest lands within an Aol.
- **Creating Buffer**: key-in the buffer area radius value in the Buffer-Zone textbox and click on the <AoI Analysis> button to compute the forest land involvement within the buffer area of the AoI polygon.



(Forest land involvement within Buffer area of an AoI polygon)

- Import Polygon: Click on the <Import Polygon> button for importing a Polygon to the AoI module for assessment of involvement of forest lands within the AoI polygon.
- The import polygon option facilitates import of KML file to the system for generation of the polygon.
 - \circ Select the <KML> tab option to select and upload a KML file from your PC.
 - $\circ~$ Once uploaded, the KML file will be displayed as a polygon on the map viewer interface.
 - Follow the steps as described above for analysis and reporting of the forest land involvement within the polygon (generated through uploading of the KML file)



(Upload of KML file as AoI polygon)

- The import polygon option facilitates import of *Coordinates file* to the system for generation of the polygon.
 - Select the <Coordinate File> tab option to select and upload a location coordinate data file from your PC.
 - Once uploaded, the location coordinates in the data file will be uploaded to form a polygon on the map viewer interface.
 - Follow the steps as described above for analysis and reporting of the forest land involvement within the polygon (generated through uploading of the coordinate data file)
 - The input coordinate data file must confirm to the specific file structure and data formats. Sample XLS based empty file structure and data format for creation of the coordinate data file can be downloaded by clicking the

<File Download> icon button.

Customised Query

The Application Module facilitates easy-to-use simple query user interface to select and input the user defined criteria for selection of the result data set. The query can be based on the forest administrative jurisdictions (Division, Range) with customized selection of the desired data fields. Besides, the advanced query option facilitates input of refined data criteria for fine tuning the query results.

Query Criteria input

Division / District		Division *		Forest Land Type *		Range		Display Fields		
Division	District	Athamallik	Ŷ	Notified Forest	%v	All	~	6 selected	٠	Advance Filter
					Show	Reset				
							• •			

(Input of query criteria)

The Query Criteria input bar can be used to set the query criteria as follows.

- Select the Division/ District from the buttons.
- Select Forest Division/ District from the dropdown list.
- Select Forest land type from the forest land type dropdown list.
- Select the Forest Range
- Select the Desired Data fields to be displayed in the query result.

On completion of the setting of the query criteria, click on the <Show> button to retrieve the query result.

You can use the Advance Filter option by setting the advance filter criteria option.

 Click on the <Advance Filter> button to open the advance filter criteria input window as follow.

Condition on	Operators	Value	
Notified Area(Ha.)	× >=	~ 100	

(Input of query criteria – advanced filter option)

• Select the Forest Type/ Survey Type from the drop-dowl list (*Notified Area, CMV Area, JV Area, DGPS Area*)

- Select the relational operator from the drop-down-list.
- o Input the operand value in the textbox.
- Click on the "+" icon button to add additional criteria to the condition.
- Click on the delete icon button to delete any of the criteria from the condition.

Division District Athamatik	Notified Forest Show	/ AN v 5 set	acted 👻 Ac	dvance Filter
	Show	and the second se		
		- Martin		
		(Land)	Type : Notified Forest) (Division : A	Athamallik)(Range - Al
D PDF D Excel G.Print				SearchQ
SLNo [†] Division [†] Range	1 FB Name 1 NFB Type	Notified Area(Ha.)	DGPS Area(Ha.)	Map View
1 Athemeilik Handapa	Dandarugudi RF	162.310	162.858	
2 Athamallik Handapa	Kadalimunda RF	298.230	274.402	
3 Athamailik Athamailii	k Hatidhara RF	14,923.780	14,870.403	
4 Athomallik Athamallik	Kusumkohuri RF	612.040	608.833	
5 Athamailik Athamailii	K Mahendrapur RF	434.070	424.166	

(Generation of query results)

- The Query results data table grid can be used to display the data in ascending/ descending order of the data values in different columns.
 - Click on the Column header to sort the data in ascending order.
- The application module provides buttons for printing/ exporting the generated query result to the desired media.
 - Click on the <PDF> button to export the query result to the PDF format.
 - Click on the <Excel> button to export the query result to the XLS format.
 - Click on the <Print> button to open the Printer Dialog screen and print the query results on to the printer paper.
- Click on the "Map View" icon button to display the Map of the selected Forest Land from the query result set.

9. Data Catalogue:

The Data Catalogue module presents organized listing and cataloguing of the Forest Geospatial Data layers along with the respective metadata. The Data Catalogue module can be used to search, manage, and maintain the forest data layers. The forest data layers are organized into catalogues such as *Forest Land types, Administrative Boundaries, Forest Administrative Boundaries* and *Reference Data Overlay layers*.

The left panel of the Data Catalogue user interface presents the group wise listing of the data layers. Middle panel of the user interface presents the details of the data layers selected in the left panel. The right panel of the user interface facilitates selection of the data layers for inclusion in a customized 'my project' functionality.

Project layers	Result Per Page : 20	Search. Q	Selection
Athamallik	•		
Forest Land Type	Filter Result	1.	
Administrative Boundary	District	0	-
District Tahasil	District boundary		Create Proj
Vittage			
	Division		
Boundary	Division boundary		
Reference Data Overlay			
	DLC & Other Revenue Forest	0	
	Forest land recorded in DLC report, Other Forest land not recorded in DLC report		
	Notified Forest	0	
	This Notified Forest Boundary has been prepared through generation of cadastral map vector from Geo cadastral map/field verification of demarkation of forest Block Boundary jointly by the forest & a vecnue officials(FRIVC)/DOPS survey of the FRIVC certified Forest Boundary Tollowed by ORSAC verification&	-reference	

(Data Catalogue User Interface)

- Click on the Data Group headings on the left panel to open the data groups displaying the data layers.
- Select the data layer check boxes of individual data layers to select the respective data layers.
 - Selection of the data layers will display the meta data information related to the data layers in the middle panel.
- The Layer Search facility enables the data search in the data catalogue.
 - Key-in the *search text* in the Search textbox.
 - The data layer information in the middle panel will automatically be filtered to display only those details containing the search-text value.

9.1 Create Project functionality.

The Data Catalogue module provides facility for personalized aggregation of the data layers available in the Forest Geodatabase and organize the selected data layers in a personalized project for future references.

- Click on the checkboxes located on the detailed listing of the data layers in the middle panel.
- Once selected, the data layers names will appear on the layer selection window in the right-panel.
- You may deselect the selected data layers in the layer selection panel by clicking the cancel icon button of the respective data layers.
- Click on the <Create Project> button to create a project, input the project name in the dialogue box and click <Submit> button to create your project.

9	FLI DSS (Geo-Re	ferenced Data Catalogue)		
i.	Project layers	Result Per Page : 20 ~	SearchQ	Selection
	Forest Land Type *	Filter Result	1	Division ×
	 Notified Forest DLC & Other Revenue Forest 	District District boundary		Counter Protect
	Administrative Boundary			Contraction of the local division of the loc
	Forest Administrative Boundary v	Division	2	
	Reference Data Overlay "	Division boundary		
		DLC & Other Revenue Forest	0.	
		Forest land recorded in DLC report, Other Forest land not recorded in DLC report		
		Notified Forest	2	
		This Notified Forest Boundary has been prepared through generation of cadastral map vector from Geo- cadastral map/field verification of demarkation of forest Block Boundary jointly by the forest & revenue	eference	

(Selection of data layers for My Project)

- Your newly created project appears on the "MyProject" menu item of the Application Module.
- Displaying your project on map viewer:
 - Go to the "MyProject" menu option in the main menu.
 - Your created project appears as a sub-menu item. Click on your project name menu item to open your project in the map viewer, displaying your chosen data layers.

odisha fli-ds	s	eferenced Data Catalogue)		
Dashboard		Result Par Page - 20 ~ ~ 3	SeanchC	Selection
🖞 Forest Land Details		Filter Result	t	
 Forest Land Information Decision Support System Data Catalogue 	ŝ	District District boundary		Create Project
1 Reports				
Progress Monitoring	>	Division	0	
9 Portal Administration My Projects	>	Division boundary		
project Angul	•	DLC & Other Revenue Forest		
 MyProject 		Forest land recorded in DLC report. Other Forest land not recorded in DLC report		
		Notified Forest	D	
		This Notified Forest Boundary has been prepared through generation of cadastral map vector from Geo- codastral mop/field verification of demarkation of forest Block Boundary jointly by the forest & revenue	reference	

(Access the project from "My Project" menu option)



(Customised "My Project" displaying the data layers)

10. Reports:

The Report module presents multiple customized report options for generation of appropriate forest land information. These reports are automatically exported to the PDF format for and downloaded to the user PC for further use and printing.

- **ODISHA FLI-DSS** 0' Athamallik Athamalik Forest Block Division Range 1 Drag to arrange the orde Selection Result ĩ < X0hog NFB Name Type Notified forest Area (Ha.) « xone ReNotification of GR Boundary No. & Date Notification No. & Date ≪ NDreg GRFL Area Certified by FSO(Ha.) Orao 🚿 1 No. of Boundary Point 10 mg >>
- Forest Land Notification Status Report

(User Interface for Forest land Notification Status report generation)

- Select the Forest Division and Forest Range from the respective drop-down list.
- Select the Forest block name or All Forest blocks from the drop-down list.
- Select and Drag the Data Fields from the Selection Panel located towards the left side of the user interface to the Result Panel located towards the right side of the user interface.
- Click on the <Generate Report> button to generate the Report in PDF format (the report will be downloaded to the user PC)

Notified Forest Block – Custom Report

Division	Athamailik	Range	Athamallik		Forest Block	<u></u>
						Drag to arrange th
Selection					Result	
Notific	ation info			_	« MDrag	NFB Nan
Division	1		X Ong	>	< X0mg	Notified forest Area (Ha
Range			X Dres	30	K St Dress	Notification No. & Da
Forest 1	Туре		X Crag	30		
ReNotif	fication of GR Boundary	/ No. & Date	X Drag	20		
No. of E	Boundary Point		Kong	30		
WP Int	fo					
WP Yea	ar.		& Oreg	20		
WP Are	sa (Ha.)		X Dres	30		
MMV A	rea (Ha.)		Xing	*		
(NFA +)	MMV}Area (Ha.)		-Billing	*		

(User Interface for Notified Forest Block Custom report generation)

- Select the Forest Division and Forest Range from the respective drop-down list.
- Select the Forest block name or All Forest blocks from the drop-down list.
- Select and Drag the Data Fields from the Selection Panel located towards the left side of the user interface to the Result Panel located towards the right side of the user interface.
- Click on the <Generate Report> button to generate the Report in PDF format (the report will be downloaded to the user PC)

ODISH	A FLI-DSS						٩
Division	Select	V Range	All	Ŷ	Forest Block All	~	
							Drag to arrange the orde
Selectio	n				Result		
RF			(KB)a	• ·	« None		Division Name
PRF			×00	• »	< Nime		Range Name
PF			×04	i »			
DPF			XOn	• »			
				Gener	ate Report		

Forest land Summary Report

(User Interface for Forest land Summary report generation)

- Select the Forest Division and Forest Range from the respective drop-down list.
- Select the Forest block name or All Forest blocks from the drop-down list.
- Select and Drag the Data Fields from the Selection Panel located towards the left side of the user interface to the Result Panel located towards the right side of the user interface.
- Click on the <Generate Report> button to generate the Report in PDF format (the report will be downloaded to the user PC)

11. Progress Monitoring:

The Progress Monitoring module facilitates information on the progress of the Georeferencing of the Forest lands (GRFL) of the Forest Blocks through different procedural stages.

This module presents status of GRFL of forest blocks at the significant stages of *Revenue & Forest Joint Verification* and DGPS Survey of the Forest Blocks in an easy to monitor interactive user interface.

 FRJVC status (demarcation and approval of Forest block boundary by FRJVC Committee)

٢	ODISHA FLI-D	SS (FRJVC Details)		ĉ
	Division *	Range		
â	Athamalia	9 Athamallik	X Advance Filter Show	
自				

(FRJVC Forest Block boundary – selection of Forest Administrative Jurisdiction)

- Select the Forest Division and Forest Range from the respective drop-down list.
- You may use the <Advanced Filter> button to open the Data Filter criteria.
 - Select the condition, operator and key-in the desired value.
 - You may add multiple conditions by using the <Add> and <Delete> criteria buttons.
 - Click on the <Apply> button to set the Advance Filter criteria.

(e	ODISHA PLI-DSS	FRIVC Detailui			R
	Territoria	9444 	100		
0 0 0 0 0		Extension Operation	5		
0.0					

(FRJVC Forest Block boundary – Advance Filter)

 Click on the <Show> button to retrieve the Forest Block wise FRJVC Status information.

Divisi	on * matti	k		×	Range Athema	lik			-	Advar	ice Filter	Sh	1914 - I			
	là P	OF 🔞 Exe	4 9 4	biirst.											Search	
SL No	1.	NFB 1	NF8 Type	Notified Area(Ha.)	Start 11 Date	Last 1 Date	Existing	Proposed Piller	Tat	at II Iar	JV Perimeter 11 (Km.)	JVA(He.)	Difference (JVA- NFA)	JV Report Submitted	FRIVC Clearance	Action
	1	Hatidhara	RF	14,923.780	06-01- 2020	20-01- 2020	529	3	7	626	85.660	14,882,223	-41 557	06-06-2020	24-07-2020	
	2	Kuber Hill	DPF	412.540	08-01- 2020	08-01-	49	3	1	70	9.660	410.108	-2.432	06-06-2020	24+07-2020	
	a.	Kusomkuhuri	RF	612.040	08-01- 2020	08-01-2020	51	4	5	96	12,780	608.505	-3.535	06-06-2020	24-07-2020	
	4	Mahendrapur	RF	434.070	06-01- 2020	06-01- 2020	74	() (a	0	94	13.370	424.295	9.775	06-06-2020	24-07-2020	
	5	Taleipathar	RE	7,012.540	07-01-	13-01-	163		5	218	40.200	6,985.061	-27.479	06-06-2020	24-07-2020	

(FRJVC Forest Block boundary Survey Details)

 Click on the <Action> icon button of the forest block to open the Action Context Menu as shown in the following screen.

Division	*			Range											
Athany	attik		*	Handapa			ζ,	Actv	ance	Filter	Sho	wi			
6	'DF 🔀 Excel	🖨 Pri	nt											Search	
il †.	NFB 11	NFB Type	Notified Area(Ha.)	Start 1	Last Date	Existing Pillar	Proposed Pillar	Total Pillar	1) P ()	V Parimotor Km.)	JVA(Ha.)	Difference (JVA- NFA)	JV Report Submitted Dt.	FRIVC Clearance	Acti
1	Bankimundi	RF	393.070	19-12- 2019	21-12- 2019	7	9	7	86	9.430	444.494	51.42	4 06-06-2020	24-07-2020	1
2	Barham	DPF	185.350	18-01- 2020	18-01-		4 5	2	56	7.850	177,319	-8.03	1 06-06-2020	i View Pillar D	Petails
3	Batipurunapan	DPF	1,214.080	21-01- 2020	24-01- 2020	4	8 11	3 3	161	28,840	1,206.629	-7.45	1 06-06-2020	FRJVC Repu	rt.
4	Bileinali	PF	9.814				0 1	1	11	1.520	9.971	0.15	7 06-06-2020	24-07-2020	1
5	Dandarugudi	RF	162.310	09-12- 2019	09-12- 2019	8	1	ă.	85	8.290	162.804	0.49	4 06-06-2020	24-07-2020	
6	Dentarikhol	RF	1,624.640	23-12- 2019	28-12- 2019	16	6 3	7 3	203	25.140	1,584.662	-39,97	8 06-06-2020	24-07-2020	
7	Gundunjharan	DPF	802.910	18-01- 2020	22-01- 2020		9 5	7	66	14.860	763.700	-39.21	0 06-06-2020	24-07-2020	1
8	Handapa:	RF	1,799,210	17-12- 2019	17-12- 2019	12	93 32	5 3	154	30.710	1.732.767	66.44	3 06-06-2020	24-07-2020	
9	Kadalimunda	RF	298,230	09-12-	11-12- 2019	8	2 2	8 8	106	10.650	274,798	-23.43	2 06-06-2020	24-07-2020	1

(FRJVC Forest Block information menu options)

- Choose the Action Context menu options to carry out the functionalities as follows.
 - View Pillar Details: displays the pillar details of the Forest Blocks.

Pillar No	Pillar Type	Pillar Condn.	Paint Status	Lat	Lon	Pillar Shifting Status	Survey Date	
1	Existing	Needs Repair	Required	20.891738	84.624397	Select Shifting Status	19-12-2019	
1	Existing	Needs Repair	Required	20.891738	84,624397	Select Shifting Status	19-12-2019	
2	Existing	Needs Repair	Required	20.892965	84,625031	Select Shifting Status	19-12-2019	2
2	Existing	Needs Hepair	Required	20.892965	84.625031	Select Shifting Status	19-12-2019	
з	Existing	Needs Repair	Required	20.893991	84.625516	Select Shifting Status	19-12-2019	Artic
3	Existing	Needs Repair	Required	20.893991	84.625516	Select Shifting Status	19-12-2019	8
	Existing	Noods Repair	Required	20.884915	84.626028	Select Shifting Status	19-12-2019	
4	Existing	Needs Repair	Required	20.694915	84.626028	Select Shifting Status	19-12-2019	
5	Existing	Needs Repair	Required	20.895091	84.626759	Select Shifting Status	19-12-2019	
5	Existing	Needs Repair	Required	20.895091	84.626759	Select Shifting Status	19-12-2019	
- 6	Existing	Needs Repair	Required	20.895192	84.627274	Select Shifting Status	19-12-2019	
- 6	Existing	Needs Repair	Required	20.895192	84.627274	Select Shifting Status	19-12-2019	
7	Existing	Needs Repair	Required	20.895428	84,628107	Select Shifting Status	19-12-2019	
1.40	Existing	Needs Repair	Required	20.895428	84.628107	Select Shifting Status	19-12-2019	

(FRJVC Forest Block boundary Pillar details)

 Map View: displays the Forest Boundary along with the boundary pillar positions on map.



(FRJVC Forest Block boundary Pillar Positions in Map View interface)

• FRJVC Report: opens the authenticated Forest & Revenue Joint Verification Report in PDF format.

DGPS Survey status

- Select the Forest Division and Forest Range from the respective drop-down list.
- You may use the <Advanced Filter> button to open the Data Filter criteria.
 - Select the condition, operator and key-in the desired value.
 - You may add multiple conditions by using the <Add> and <Delete> criteria buttons.

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Z	POP R 6	cel 🔒 Pro	et.)												Search	
1. Sl No	NFB Name	Notified Area(Ha.)	FRJVC Certified Area(Ha.)	DGPS Start Date	DGP5 End Date	No of DGPS Observation Pillar	No. of FSCP	No of New Pitter Point	No of RTX Observation	No. of SBAS & Other (>15 Min. Observation)	No of Static File	No of JXL File	ORSAC Clearance Date	Draft Map Submission Date	FSO Certified Area(Ha.)	Acti
1	Hatidhara	14923.78	14882 223	24-07-	24-09- 2020	62	1	2 1	3 57	0	62		45 29-12-2020	18-01-202	14870.403	K
2	Kuber Hill	412.54	410.108	01-07-	15-07- 2020	7	4	2	4 7	٤	7	i,	5 29-12-2020	18-01-202	412.359	E
	Kusumkuhuri	612.04	608.505	18-07-	27-07-	9	9	2	3 9	9	9		8 29-12-2020	18-01-202	608.833	
4	Mahendrapur	434.07	424.295	23-06-	19-09- 2020	9	3	1	e c	1	9		10 29-12-2020	16-01-202	424.166	E
5	Taleipathar	7012.54	6985.061	02-07-	20-09-	18	0	1	2 18	0	18	1	20 29-12-2020	18-01-202	6982.907	E

(Forest Block DGPS Survey Details)

St No.	Pillar Type	RTX Soln Type	Pillar No	H.Acc(Mtr)	V.Acc{Mtr}	Easting	Northing	Lat	Lon	Fwd	Bkwd	Inwd	OutWI
1	Baundary	RTX	2.1	0:032(Mtr)	0,035(Mtr)	245595.516	2298227,291	20,766469	84.556459				and the second s
2	Boundary.		467	0.0(Mtr)	0.0(Mtr)	261257.076	2284781.398	20.647149	84.708628				The
3	Boundary	RTX	468	0.361(Mtr)	0.556(Mtr)	261183.633	2284860.8	20.647315	84,707921				
4	Boundary	RTX	469	0.36(Mtr)	0.76(Mtr)	261078.852	2284835.027	20.64761	84.706911				

(Forest Block DGPS Survey Details with Pillar photographs)



(Forest Block DGPS boundary pillar positions on map viewer)

NOTES

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State Level Technical Partner (SLTP)

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