



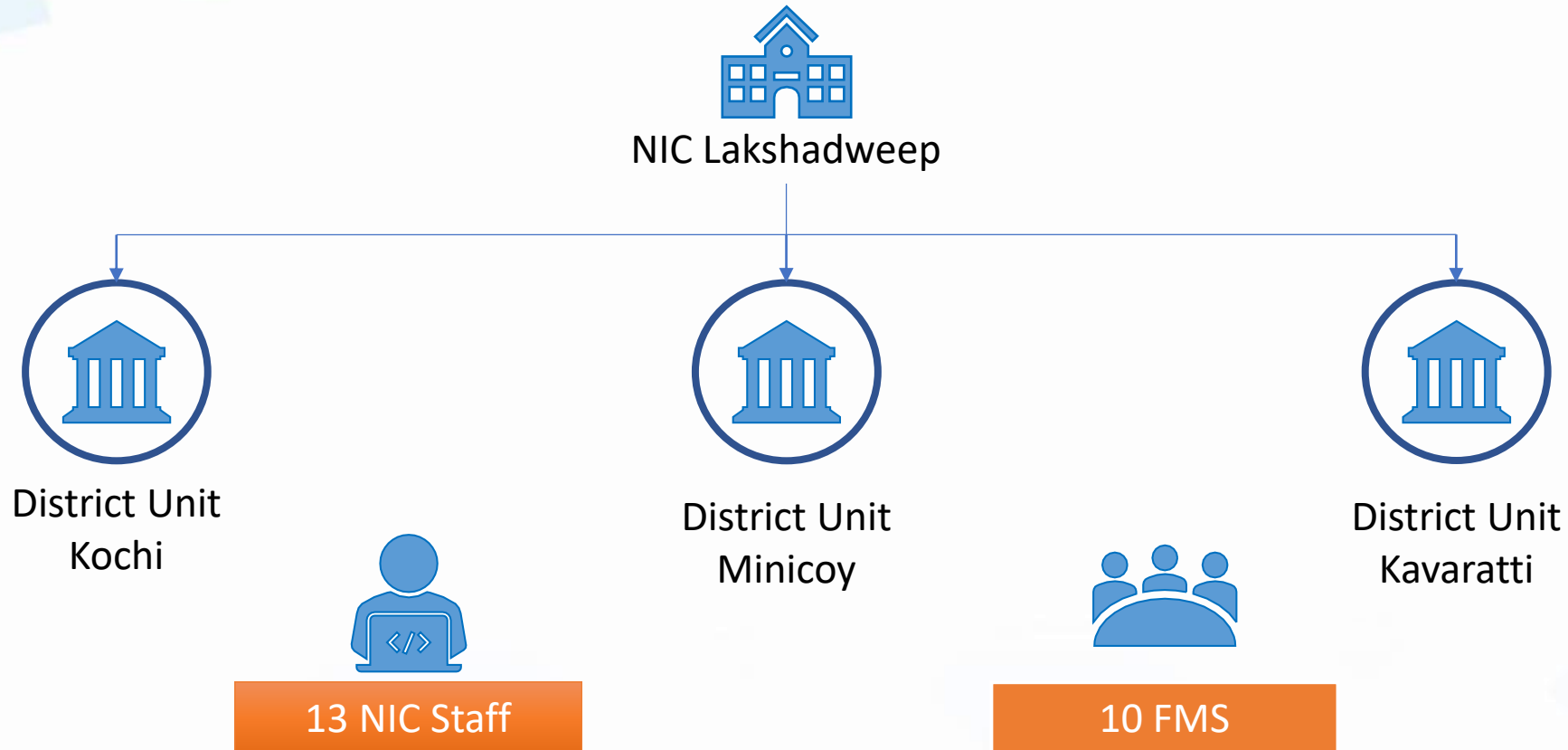
सत्यमेव जयते

NIC Lakshadweep

State Profile

Initiatives & Activities of NIC Lakshadweep

NIC Lakshadweep



Key Areas

Network Infrastructure

NKN, NICNET Extension to SWAN

Video Conferencing

Codec Based Studios, Bharath VC

Email and VPN Support

For administration employees



Data Center Operations

LSDC Management, Cloud Hosting

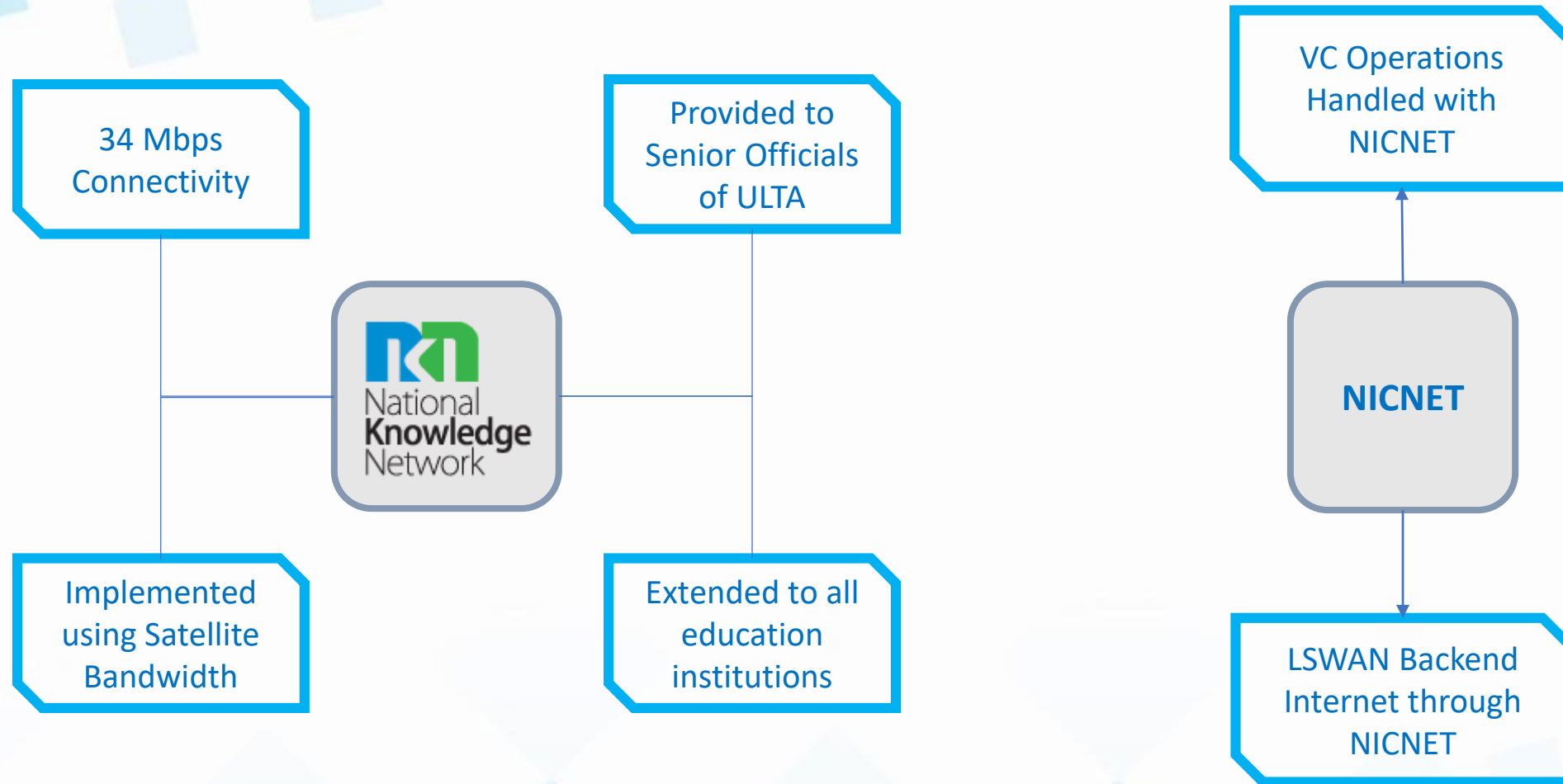
Cyber Security

Antivirus and Cyber Security Monitoring

Software Projects

Application Development and Implementation Support

Network Infrastructure



Video Conferencing

5

VC Studios

Codec Based
and Web Based
Solutions

PMO VC and
Pragathi VCs

Ministry Level
and UT Level
Conferences



Advisor VC with DC's & SDO's



FCS VC



Health All Island VC



MHA VC



PM Covid 19 VC



CAB Secretary VC

Email and VPN



Delegated
Admin for UTL
Email Accounts

Support for 2nd
Factor email
Authentication
with Kavach

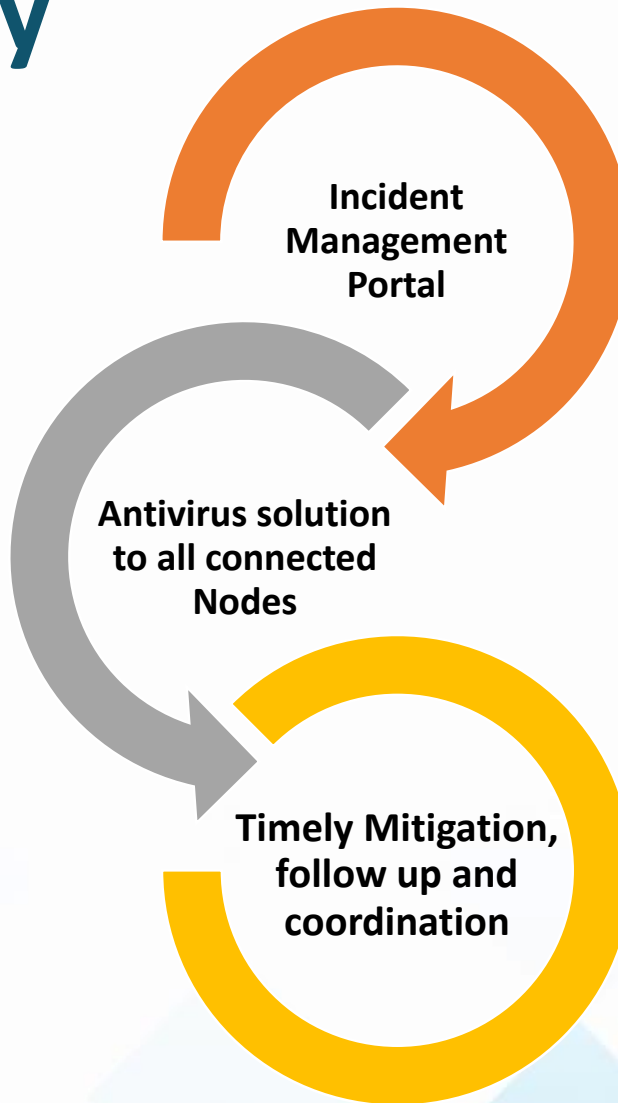
Support for
VPN Creation

eForms
Approval
for Various
services

Data Center Operations



Cyber Security



List of Major State Projects

1. SPORTS Tourist Package Booking System
2. WebStar - Ship Ticketing & Helicopter Ticketing System
3. NLRMP - LR software, CollabLand, Bhunaksha
4. POWERLAC EBCMS & Consumer Portal
5. LCMF – GST Billing and Inventory Management System
6. eDistrict Lakshadweep
7. Smart City - GIS
8. eCounselling for Higher Education
9. Power Generation and Distribution Management System
10. eStore - Fisheries, Port, Electricity
11. SchoolSuite
12. Pandemic Management Applications
13. DiEIEd Admission Counselling
14. Entry Permit System
15. e-Recruitment
16. EverAlert
17. Official Website for Lakshadweep
18. Institutional Quarantine Management System
19. Online Payroll / Personnel (Lakshadweep)
20. PWD Project Monitoring System
21. Lakshadweep Ship Travel Card
22. PEARL - Online Registration Software
23. Lakshadweep Guest House Management System
24. Court Case Management System
25. Lakshadweep Project Monitoring System
26. LANDIDS Site

Central Projects Coordinated & Implemented

1. National Social Assistance Program
2. Pradhan Manthri Awas Yojana
3. MGNREGA
4. Jeevan Pramaan
5. Biometric Attendance System
6. Pradhan Manthri Mathru Vandana Yojana (PMVVY)
7. BHAVISHYA
8. SPARROW
9. WAQF Board Computerisation
10. PFMS
11. IVFRT
12. IGMSY
13. India Code Portal
14. Scheme for Adolescent Girls-RRS
15. PRAGATHI
16. MPLADS
17. ICJS
18. LG Directory
19. PMKISAN
20. DBT
21. National Scholarship Portal
22. eDaakhil Consumer Commission Online Application Portal

List of Department Portals Developed

1. Department of Food and Civil Supplies
2. National Health Mission
3. Sports and Youth Affairs Dept
4. Environment and Forest Department
5. Education department
6. Lakshadweep Disaster Management Authority
7. Lakshadweep Pollution Control Committee
8. Public Works Department
9. Mid Day Meals Portal
10. Minicoy Island Portal
11. Minicoy Fest Portal
12. Lakshadweep Police Portal
13. Kavaratti Smart City Limited Portal (KSCL)
14. National Food Security Portal
15. Lakshadweep Disaster Management Authority Portal (LDMA)
16. Website for CEO Lakshadweep
17. Jawahar Navodaya Vidyalaya Minicoy

List of Mobile Applications

1. LAKSHIP SERVICES
2. POWERLAC Android Application
3. Course/College App
4. Ship Tracking App
5. Meter Reader App
6. Swachh Kavaratti





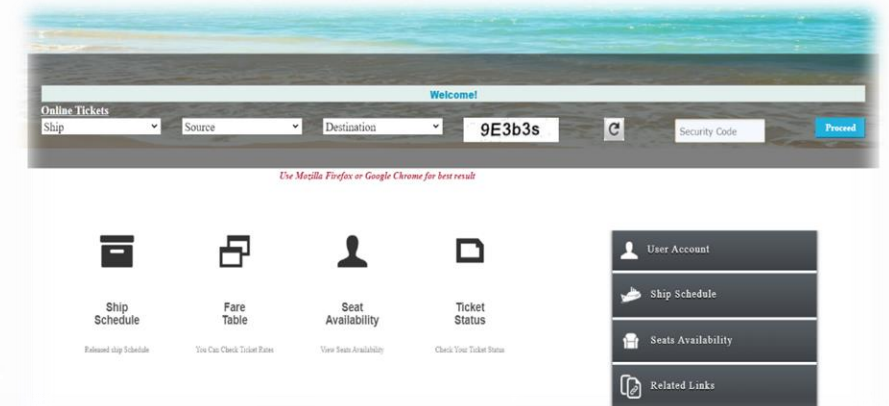
Major Projects for Lakshadweep UT

WebStar

Online Ship ticketing Reservation System

Major Functionalities:

- Online Ticketing/Cargo Ticketing, Status of Ticket, Ticket fare
- Any counter any Destination travel ticket (13 Counters)
- Emergency Quota Management, Financial Accounting
- Android Application for Real time schedule and vacancy
- SMS Notification on boarding time
- SMS based ticket Cancellation
- New Module for Helicopter Ticketing integrated
- MIS Reports

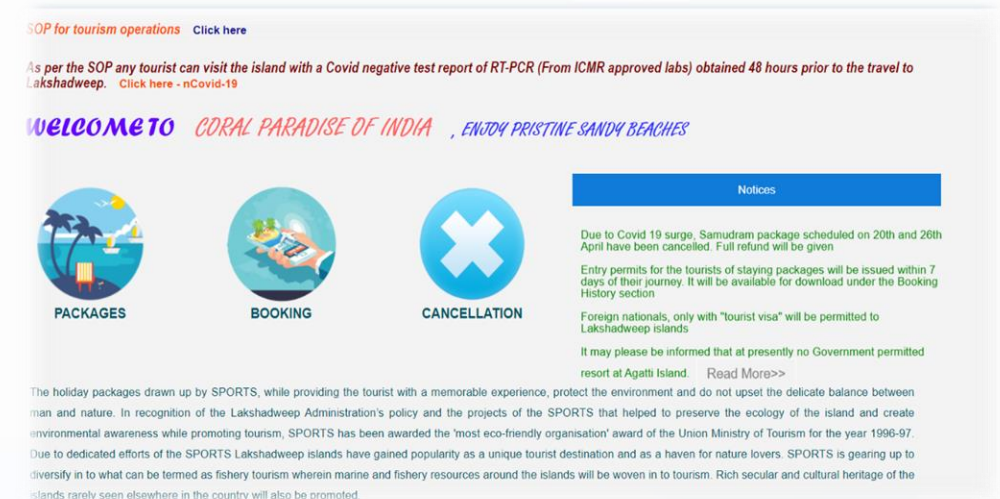


Samudram

Tourist Booking System -Package tours & Resorts

Major Functionalities:

- Online Tourist Booking System with Payment Gateway
- Booking of Ship Packages and Resort Packages
- Travel Agent Module
- Download Invoices, Entry permits and LTC Certificates
- Travel Agent Management
- Financial Accounting

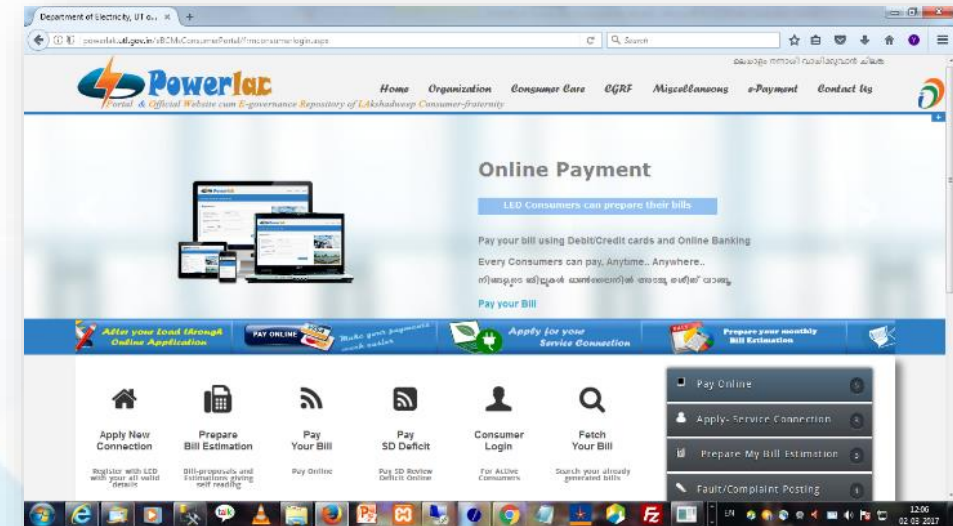


PowerLAK

Online Consumer Management System for Electricity Dept

Major Functionalities:

- Total Solution for Consumer Management in Electricity Department
- Energy- Billing and Consumer Management System
- Electricity Services in a single portal
 - Online Billing, Online Payment
 - Online Application for New Connection/Disconnection/Load/Owner changes
 - Consumer complaints
 - Near to 25000 bills generated every month
 - Introduced Bharath Bill Payment System
- Back Office activities of Department
 - Disconnection notices, Surprise Inspection Management
 - Finance management, Audit Reports
 - Cash Books , Transaction Logs
 - PFMS collection introduced in Jan 2019
 - Digital payment 30% of the total bills ,through mobile & website

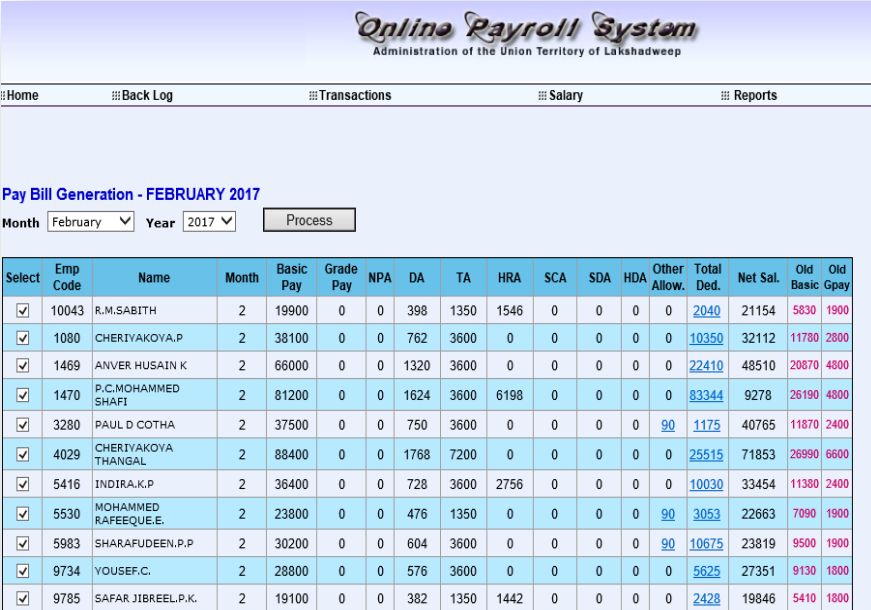


E-Payroll & E-Personal

Salary Processing and HR Software

Major Functionalities:

- Complete personnel and payroll system for UT of Lakshadweep Administration.
- Implemented in 40 Offices
- Pay bill processing of employees
- Increment process, Bonus calculation
- Advance management
- MIS-Reports
- All employees of Electricity and Education are using this application



Online Payroll System
Administration of the Union Territory of Lakshadweep

Home Back Log Transactions Salary Reports

Pay Bill Generation - FEBRUARY 2017

Month: February Year: 2017 Process

Select	Emp Code	Name	Month	Basic Pay	Grade Pay	NPA	DA	TA	HRA	SCA	SDA	HDA	Other Allow.	Total Ded.	Net Sal.	Old Basic	Old Gpay
<input checked="" type="checkbox"/>	10043	R.M.SABITH	2	19900	0	0	398	1350	1546	0	0	0	0	2040	21154	5830	1900
<input checked="" type="checkbox"/>	1080	CHERIYAKOYA,P	2	38100	0	0	762	3600	0	0	0	0	0	10350	32112	11780	2800
<input checked="" type="checkbox"/>	1469	ANVER HUSAIN K	2	66000	0	0	1320	3600	0	0	0	0	0	22410	48510	20870	4800
<input checked="" type="checkbox"/>	1470	P.C.MOHAMMED SHAFI	2	81200	0	0	1624	3600	6198	0	0	0	0	83344	9278	26190	4800
<input checked="" type="checkbox"/>	3280	PAUL D COTHA	2	37500	0	0	750	3600	0	0	0	0	90	1175	40765	11870	2400
<input checked="" type="checkbox"/>	4029	CHERIYAKOYA THANGAL	2	88400	0	0	1768	7200	0	0	0	0	0	25515	71853	26990	6600
<input checked="" type="checkbox"/>	5416	INDIRA,K.P	2	36400	0	0	728	3600	2756	0	0	0	0	10030	33454	11380	2400
<input checked="" type="checkbox"/>	5530	MOHAMMED RAFFEEQUE,E	2	23800	0	0	476	1350	0	0	0	0	90	3053	22663	7090	1900
<input checked="" type="checkbox"/>	5983	SHARAFUDEEN,P.P	2	30200	0	0	604	3600	0	0	0	0	90	10675	23819	9500	1900
<input checked="" type="checkbox"/>	9734	YOUSEF,C.	2	28800	0	0	576	3600	0	0	0	0	0	5625	27351	9130	1800
<input checked="" type="checkbox"/>	9785	SAFAR JIBREEL,P.K.	2	19100	0	0	382	1350	1442	0	0	0	0	2428	19846	5410	1800

e-Store

Online Inventory and Store Management System

Major Functionalities:

- Indent management of department stores
- Supply order Generation, Online stock transfer of items, Indent
- Packing/Dispatching/Transportation
- Stock Entry/Sales/Damage
- Cash Book Management
- Re-order level Management
- All store are connected with SWAN/NICNET
- Implemented in **Electricity, Fisheries, Port** customized as per department requirements

The screenshot displays the 'Online Store Management System' interface for the 'fisheries e-Store', which is part of the 'Department of Fisheries, UT of Lakshadweep'. The interface features a purple header with a navigation menu including Home, Masters, Purchase, Sales, Indent, StockTransfer, Reports, Administrator, Help, Cash Book, and Logout. Below the header, there are three main sections:

- Stock Position of Fisheries Inventory :-** A table showing inventory levels for various items across different departments. The table has columns for S.No, Item Name, KDC, AGT, AMN, AND, BIT, CHT, KDT, KLP, KVT, KIT, MCY, and Total. Two items are listed: 'HSD OIL' and 'Servo 30'.
- Notice Board :-** A section containing text instructions for users, such as 'Please enter the opening balance (Stock balance at respective stores) of LUB OIL before receiving the LUB OIL despatched from Bey pore.' and 'Receipt of items through Stock Transfer'.
- Pending Consignments :- Fisheries unit Kochi** and **Office Wise Pending Consignments :-** Two tables showing pending consignments. The first table is for 'Fisheries unit Kochi' and the second is for 'Office Wise Pending Consignments'.

S.No	Item Name	KDC	AGT	AMN	AND	BIT	CHT	KDT	KLP	KVT	KIT	MCY	Total
1	HSD OIL	0.000	43744.000	10106.000	15511.000	8812.000	18155.000	33389.000	4712.000	52635.000	3945.000	11450.000	202459
2	Servo 30	0.000	2520.000	867.000	1004.000	341.000	920.000	972.000	1322.000	2873.000	122.000	3617.000	14558

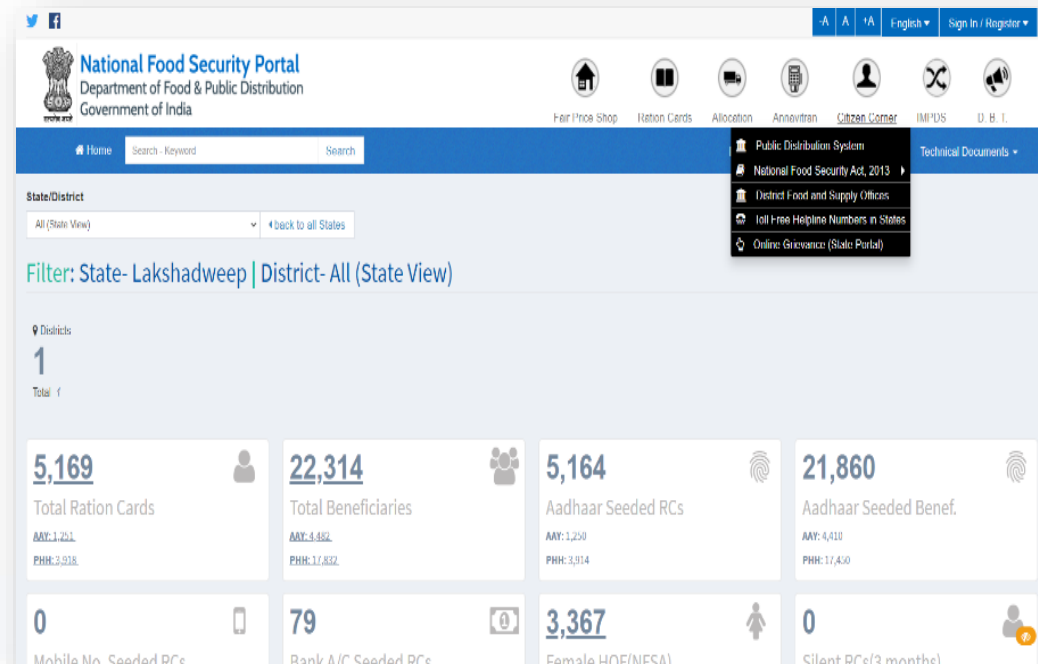
S.No	Office Name	No. Of Packets Dispatched	No. Of Item Receipt Pending
1	Fisheries unit Amini	0	1
2	Fisheries unit Kilan	1	0

ePDS

Public Distribution System of Lakshadweep

Major Functionalities:

- Application hosted in NDC & customized for UTL
- Digitized all ration cards
- Issue, member, Addition, Deletion, transfer etc
- Printed ration card under NFSA
- Aadhaar Seeding , Bank Accounts seeding
- Head of the family photo capturing
- Supply chain management
- POS device installed for Ration shops sales management
- Public grievance portal Developed and Hosted
- Transparency Portal Developed and Hosted.
- One Nation One Ration Card Implemented in Lakshadweep



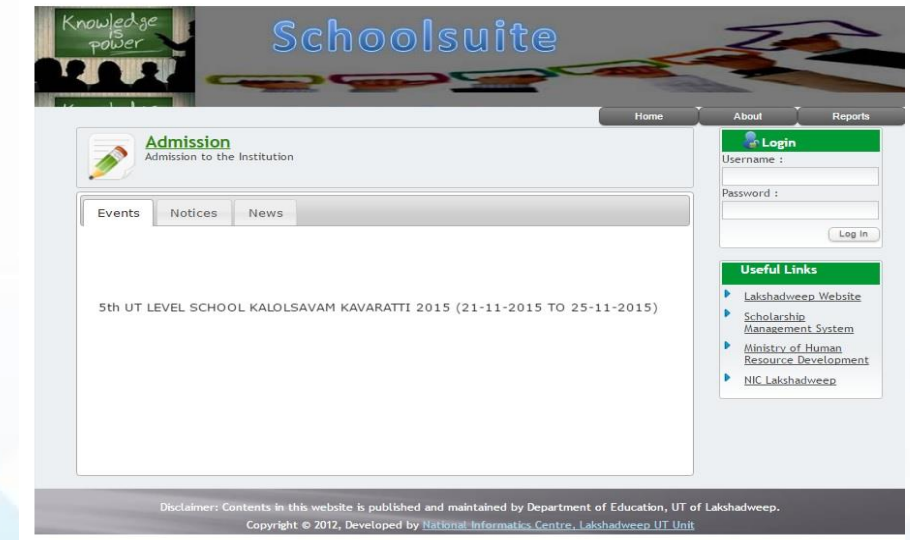
School-Suite

Academic, HR and Infra Management System for Schools

Major Functionalities:

A comprehensive suite to manage all activities of school including

- Create a database of Schools, Students, teachers, School Infrastructure
- Admission management
- Attendance management
- Academic management
- Communication Management for all schools
- Publication platform for schools



eDistrict

Mission mode Project under NeGP

Major Functionalities:

- To make 29 service online
- More than 20 services has existing online applications available
- Services of Revenue Department rolled out in Service Plus Platform as pilot implementation
- End to End configurable workflow
- Portal for integrated services of eDistrict developed
- Revenue Department Services Rolled out in islands and certificates are issued through this

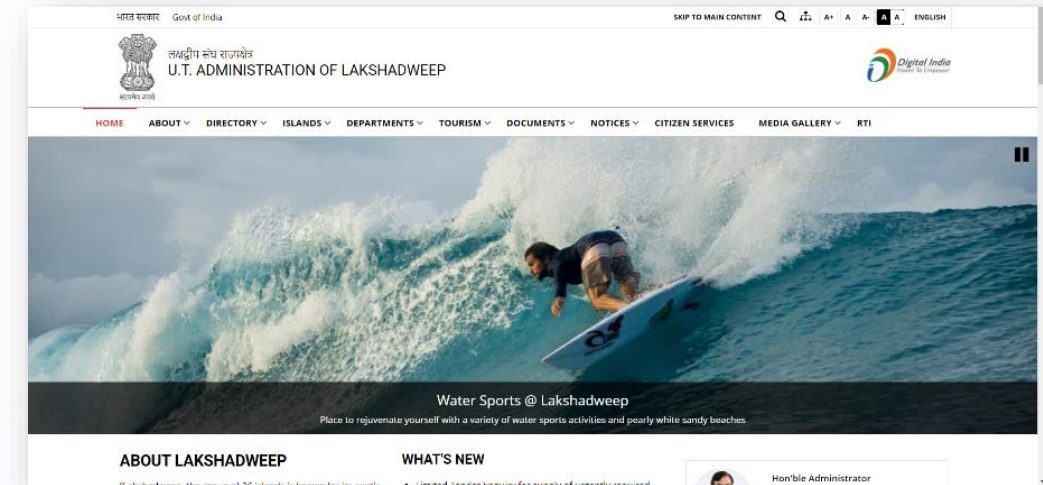


Lakshadweep Website

Official Website of Lakshadweep Administration

Major Functionalities:

- Re-Designed the site on S3WAS Framework
- Completely following GIGW(Government of India Guidelines for Websites)
- Certified Accessible Website by STQC
- Unified open source technology
- Responsive design for Multiple Device Support
- Regular updation and content uploading
- User accounts provided to all major departments for uploading contents
- Extensively used during the pandemic for mitigation steps



LQMS

Lakshadweep Quarantine Management System

Major Functionalities:

- Institutional quarantine management system for Lakshadweep Administration
- Applicant registration
- Quarantine Facility Allotment
- Realtime Status of Rooms
- Quarantine intimation order
- Module for Institution Activity Management, Medical Module for Test Details Entry
- Travel Module for Conveyance and Ship Scheduling Entry
- Billing Module for Paid Quarantine Cases

The screenshot displays the LQMS web application interface. At the top, there is a header with the Lakshadweep Government logo, the text 'Lakshadweep Quarantine Management System', and 'Lakshadweep Administration'. Below the header is a navigation bar with links for 'Home', 'Allotment', and 'Reports'. The main content area is divided into two sections. On the left, there is a 'Quarantine Room Reservation' form with fields for 'Applicant Name', 'Test', 'Guest House' (a dropdown menu), 'Proposed Date Of Quarantine From', 'Proposed Date Of Quarantine To', 'Select Room Type' (a dropdown menu), 'Remarks', and 'No Of Rooms Required'. At the bottom of this form are 'Back' and 'Reserve Room' buttons. On the right, there is a 'Check Availability' button and a table showing room availability. The table has columns for 'Date', 'Total', and 'Available'. The text 'Total Single Room Available is 38' is displayed above the table. The table contains data for dates from 28/11/2020 to 02/12/2020, all showing 38 total and 38 available rooms. At the bottom of the page, there is a footer with the NIC logo and the text 'Designed and Developed by National Informatics Centre, Lakshadweep IIT Centre'.

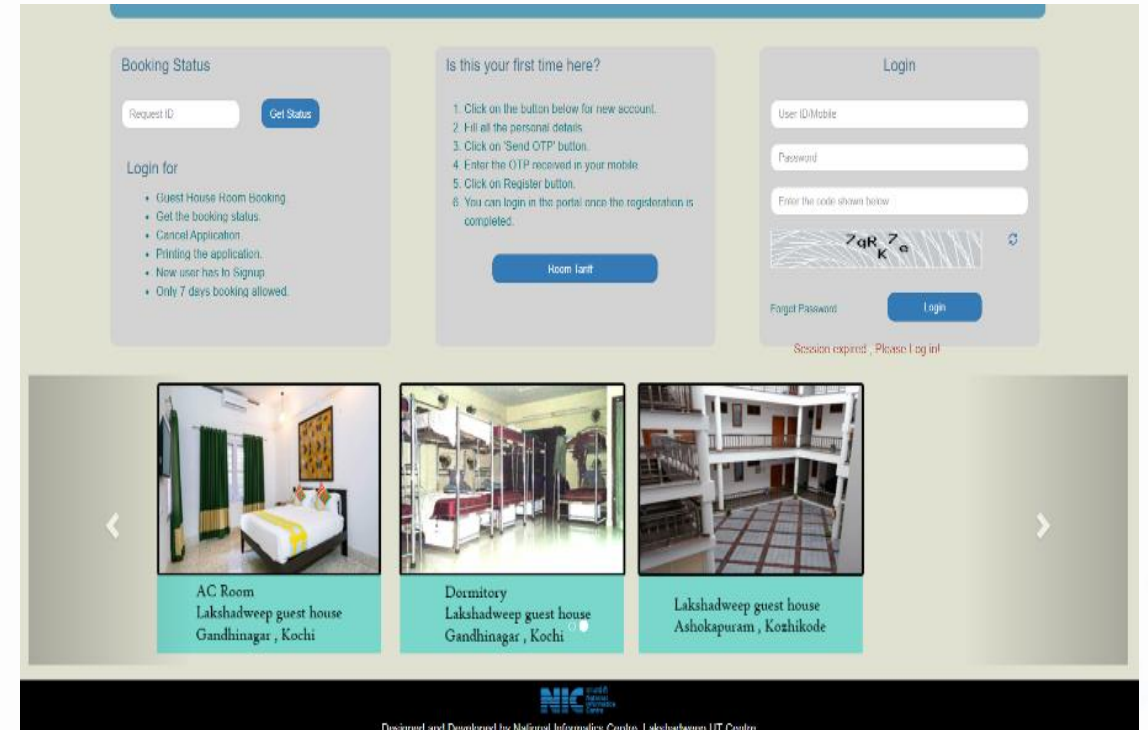
Date	Total	Available
28/11/2020	38	38
29/11/2020	38	38
30/11/2020	38	38
01/12/2020	38	38
02/12/2020	38	38

LGHMS

Lakshadweep Guest House Management System

Major Functionalities:

- A software for online booking of Guest Houses under Lakshadweep Administration.
- Online Booking, Status Checking Modules for Public
- Department Module for Allocation of Rooms
- Guest House Manager Module for Check-in, Checkout, Room Shift etc.
- Restaurant Manager Module for Restaurant Billing and Accounting
- Provided training to the officials
- Site Hosted in SDC Lakshadweep

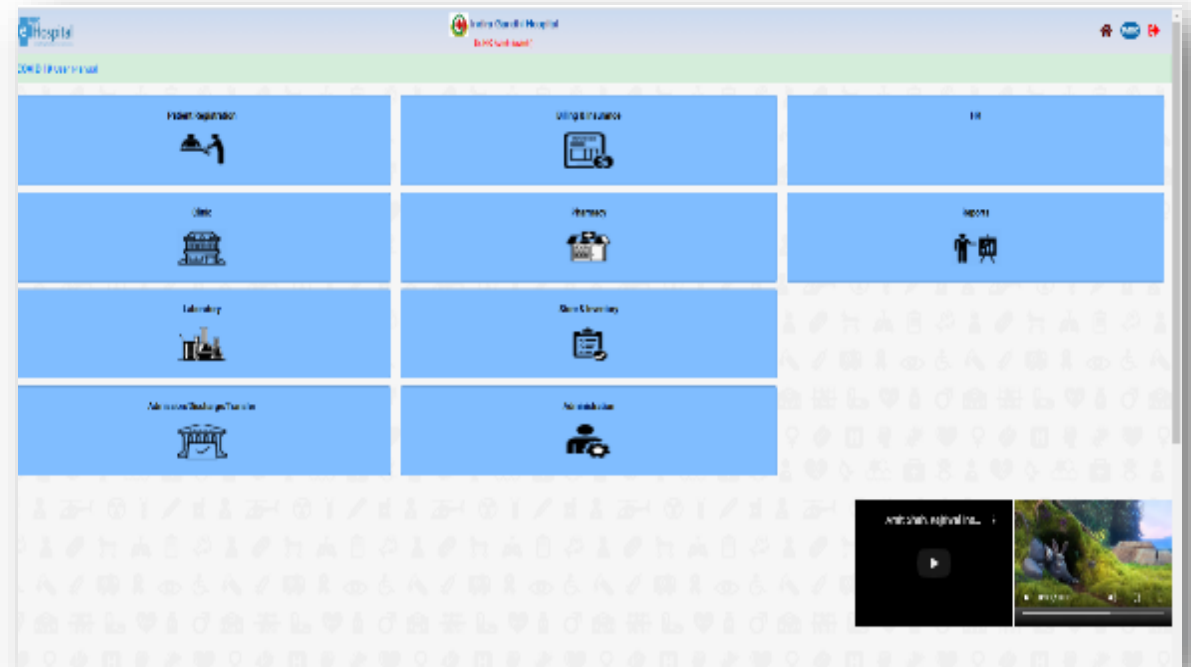


eHospital

Online Hospital Management Information System

Major Functionalities:

- End to End Workflow based Application developed by NIC customized for Lakshadweep
- Connects Patients Hospitals and Doctors under a single platform
- Hospital Management System successfully running in IGH Kavaratti
- Registration and Clinic module is effectively used
- Software is installed in local server

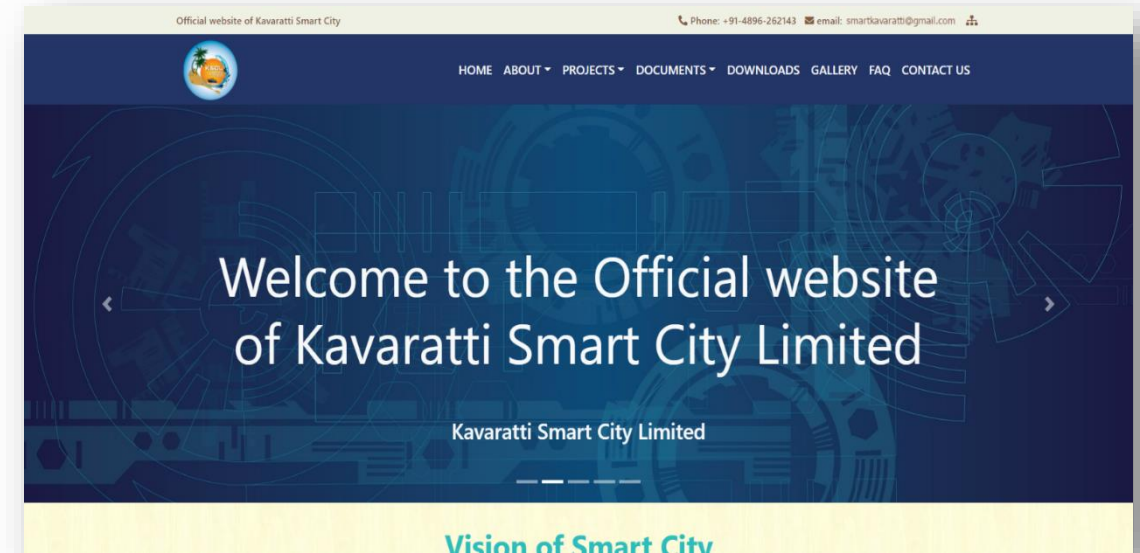


SmartCity Kavaratti

Online Hospital Management Information System

Major Functionalities:

- GPS devices with high accuracy for capturing GPS coordinate data.
- Mobile app developed for capturing data and uploading data to server with utility photographs.
- Developed GIS portal for Smart City Kavaratti.
- Purchased high resolution satellite imagery for resource
- Created various resource layers for mapping data
- Interactive Website developed for Kavaratti Smart City Ltd
- Mobile Application for Smart Dust Bin Management



GST Billing and Inventory LCMF

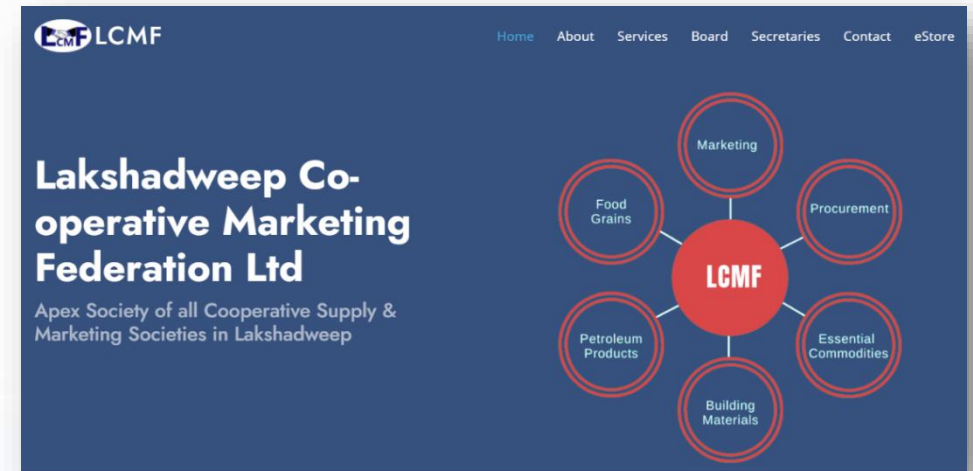
Complete digitization of LCMF Billing and Inventory

Major Functionalities:

Total egov solution for procurement and supply chain system for Lakshadweep Consumer Marketing Federation &

Primary Societies

- Annual requisition from societies
- Purchase management from LCMF
- Sales to societies from LCMF
- Packing and dispatching of items
- Sales from societies
- Generation of GST return etc.



Pandemic Management Tools

Covid-19 Pandemic Management Services

Major Functionalities:


- Rapid Application developed for Administrator's Disaster Relief Fund and hosted online with ePayment and e-Acknowledgement Features
- ePass System for permitting conveyance outside Lakshadweep Islands during the Pandemic
- Stranded Person Registration System for bringing in Stranded natives of Lakshadweep who were outstation during the Pandemic
- Developed Solutions in Service Plus Platform of NIC

Covid Management Facility Portal

Medical Facilities available across hospitals in Lakshadweep


Major Functionalities:


- Customized solution from NIC Dadra Nagar and Haveli
- Additional Modules as required by health department added for stock of medicines and test kits
- Patient treatment Modules
- MIS Reports






COVID Facility Portal

U.T. ADMINISTRATION OF LAKSHADWEEP

How to Register on CoWIN Portal



CoWIN Registration with Aarogya Setu App

Notes :

Click on Counts to View Hospital List.

Government Hospital

No.	Bed Details	KVT			AGT			AMN			AND			KDT			KLP			KLT			CHT			BTR			MCY			LD		
		Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Vac	Tot	Occ	Va			
1	COVID Beds	26	0	26	14	0	14	5	0	5	7	0	7	2	0	2	135	30	105	65	0	65	34	0	34	24	0	24	6	0	6	318	30	28
2	Bed with Oxygen	15	0	15	18	0	18	7	0	7	7	0	7	8	0	8	4	0	4	6	0	6	5	0	5	0	0	28	0	28	98	0	98	
3	Bed with Ventilator	9	0	9	3	0	3	2	0	2	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	24	0	24	
4	FLTC Beds	414	3	411	63	0	63	130	0	130	210	0	210	80	0	80	130	30	100	65	0	65	34	0	34	24	0	24	136	1	135	1286	34	1252
5	Institutional Quarantine Beds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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NIC

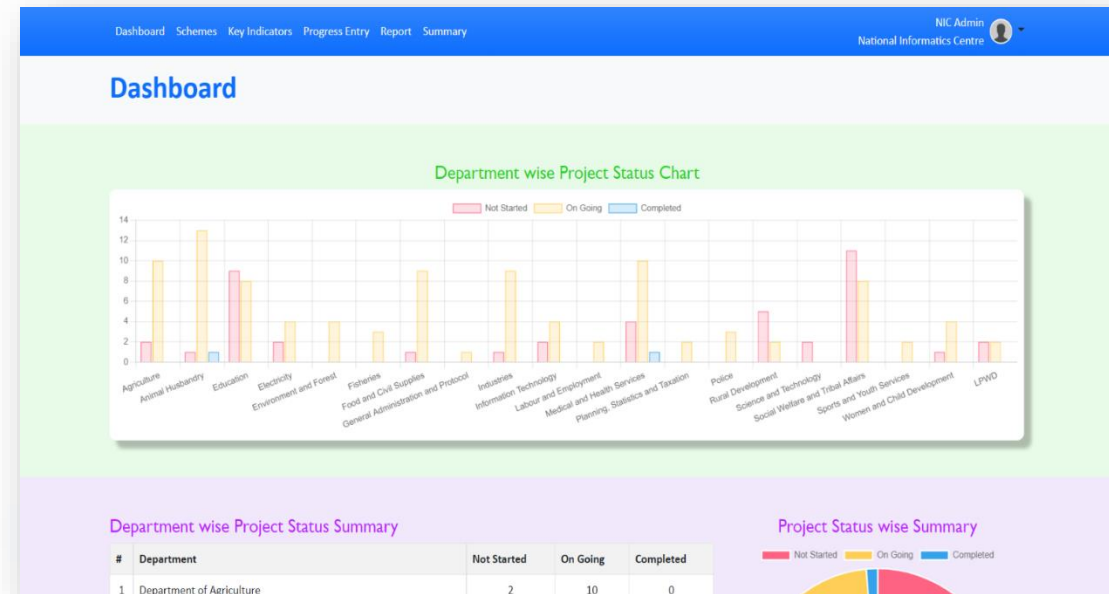
ne and e
National
Informatics
Centre

LPMS

Lakshadweep Project Monitoring System

Major Functionalities:

- Scheme Monitoring for all departments
- Monitoring of funds spent on various schemes by planning department
- Scheme wise expenditure report
- Physical Progress and Financial Progress Entry
- Documentary proof upload facility for monthly expenditure
- Fund Utilization Report

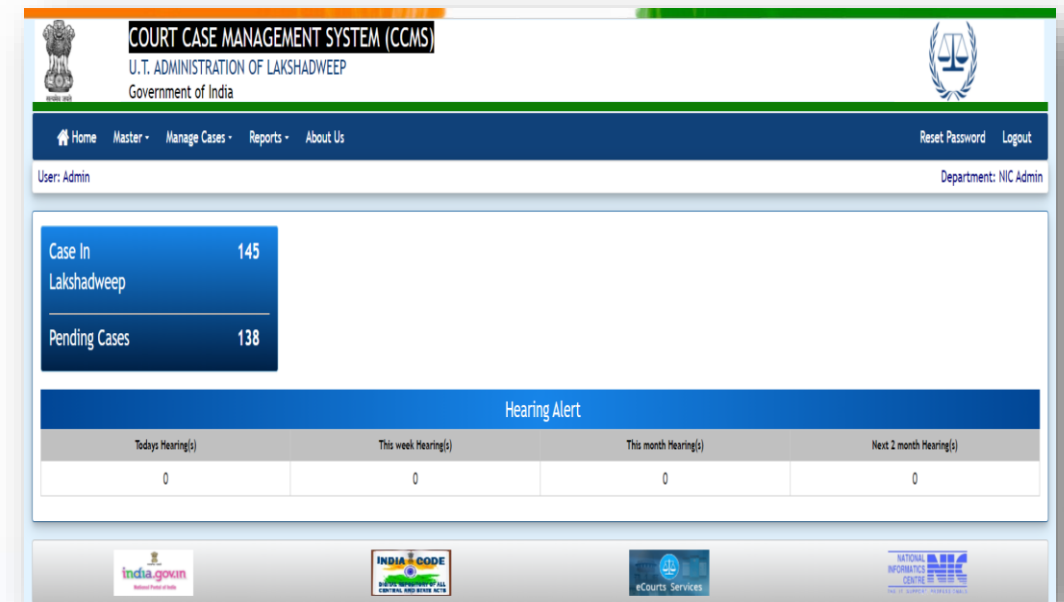


CCMS

Lakshadweep Court Case Monitoring System

Major Functionalities:

- Application Customized from NIC Daman
- Master Entries of All departments and Courts in Lakshadweep Made
- Details of various department cases can be entered
- MIS Reports
- Direct entry of cases by department users
- Reminder System and Dashboard for upcoming cases in various courts



LANIDS-2018

Lakshadweep- Andaman & Nicobar Industrial Development Scheme

Major Functionalities:

- Application instance created from Andaman
- The interested entrepreneurs can apply for financial aid under the scheme
- Applicant registration Online
- Approval by Ministry of Finance
- Realtime Status Tracking
- Application getting implemented in Lakshadweep
- MIS Reports Available

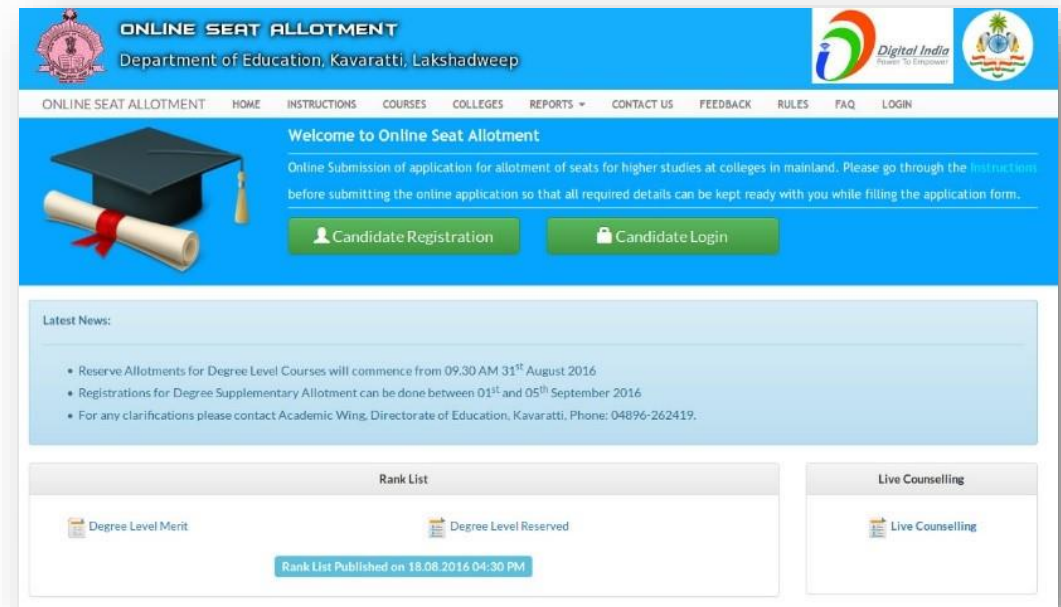
The screenshot displays the LANIDS-2018 web application interface. At the top, the header includes the Directorate of Industries logo, the text 'LANIDS - 2018', and the 'MAKE IN INDIA' logo. Below the header, a navigation bar contains links for 'Home' and 'Registration'. The main content area is titled 'Application For Registration' and includes a link to 'Download Application Screenshots'. The interface features a tabbed menu with 'Basic Details', 'Investments', 'Clearances', 'Funding', and 'Incentives'. The 'Basic Details' tab is active, showing a form with the following fields: 'Types Of Unit' (dropdown), 'Name of the industrial unit' (text input), 'State' (dropdown), 'District' (dropdown), 'Tehsil' (dropdown), 'Address Line 1' (text input), and 'Address Line 2' (text input). At the bottom, there is a section for 'Industry Entrepreneurs Memorandum' with radio buttons for 'Part A' and 'Part B', and a dropdown menu for selection.

eCounselling

Seat Allotment Application for Higher Studies

Major Functionalities:

- Online Counselling portal for student community of Lakshadweep for Degree, Post Graduation, Diploma, Engineering Aspirants
- Allotment for 614 Courses in 404 Colleges
- Transparent, Accountable
- More Academic Days for the Candidates
- Online Registration, Verification, Rank List Preparation,
- Online Selection Letter, Sponsoring Letter
- End to End Digitized Process Flow
- Counselling centre in all islands and Kochi officer
- Information exchange through SMS and Email
- Issue of allotment letter, issue of sponsoring letter
- Re-Allotment Process of vacant seats
- Started from 2015



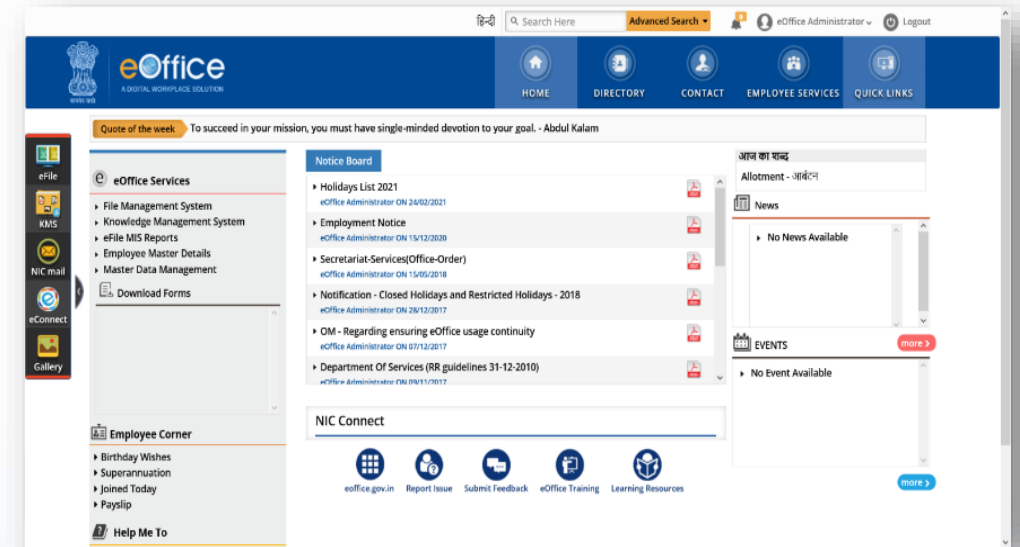
eOffice Lakshadweep

Digital Workplace Experience

Major Functionalities:

Electronic file flow management system for paper less office

- Implementation started in April 2017 with four departments.
- Local Data Centre is setup in Kavaratti in LSWAN network.
- Secondary LDAP is also setup in LDC to speed up authentication.
- Now more than 500 active users
- Timely upgrading the applications to latest versions
- Server level Backup as external backup solutions are unavailable
- Support to Digital signature



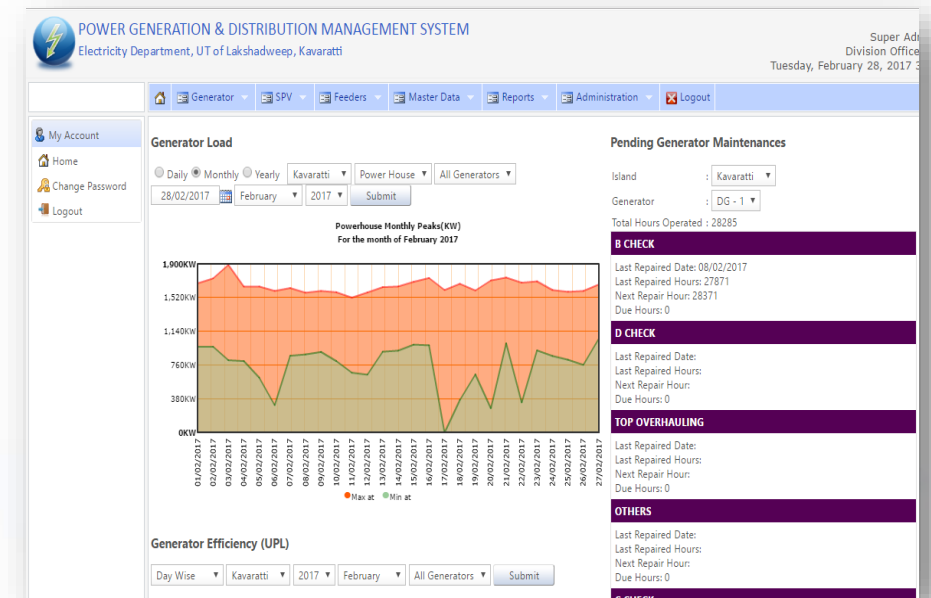
PGDMS

Power Generation and Distribution Management System

Major Functionalities:

Web based Application running in all power Houses to monitor and manage functioning of power Generators and Solar Plants of Lakshadweep

- Generator Health Status collection
- Fuel /oil usage status
- Engine running Status
- Energy generated Status
- Engine Maintenance Status
- MIS Reports for Engineers



GePNIC

Government eProcurement System from NIC

Major Functionalities:

Tendering / procurement activities of the Government department and organization, customized for Lakshadweep and hosted in NDC

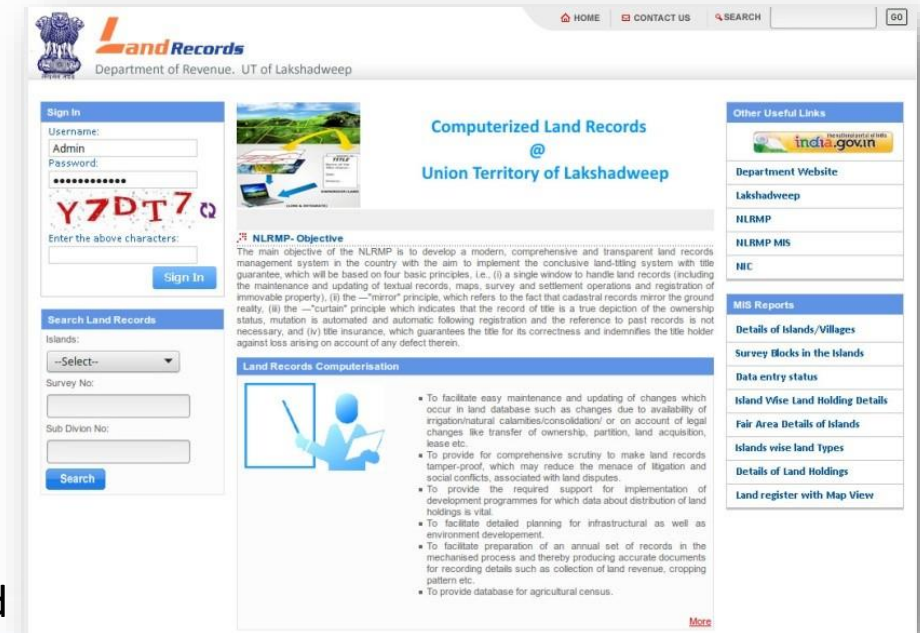
- Implemented
 - PWD, LED, Animal Husbandry, Agriculture, Port, Forest S&T, Fisheries, Medical, Smart City, GAP, Press, Education , Environment & Forest, IRB, Police, Tourism, Panchayath , LDCL, LITSS, LTDC, Sports and VDPs
- Support engineers available one each at Kavaratti and Kochi
- Monthly Average of 15-20 Tenders Published

Land Records

Land Records Information System

Major Functionalities:

- Digitized land holding in all island
- Published rough patta registers in all island after verification
- Digitized Survey Maps with help of Collabland in all Island
- Integrated survey maps and Land records data
- Trained all survey staff in digitizing survey records using Collabland
- Mutation software developed and trained revenue staff in the island
- Bhunaksha, A web based Survey Map editing tool is integrated with the system



Pearlnet

Package for Effectice Administration of Registration Laws

Major Functionalities:

- Online Application for Registration
- Index Entry
- Scanning of Documents
- Developed for Lakshadweep in collaboration with NIC Kerala
- Trained the Staff in Index entry and Registration
- Average Number of Registrations are 15 - 20



EverAlert

Online Distribution of Medicines and Medical Appliances

Major Functionalities:

- To Keep 'Alert' the stock position of medicines at all Hospitals/Community Health Centers/Primary Health Centers across UT
- 'Alert' to all users about the 'Expiry of Medicines
- Supply order Generation, Stock transfer/stock register, indent preparation
- To manage the Packing/ Dispatching/ Transportation of medicine/appliances from Kochi to Islands and within Islands
- Stock Entry/Sales/Damage
- Re-order level Management

Upcoming Projects

1. National Generic Document Registration System
2. Ship Schedule Management System using AI
3. Manav Sampada, Human Resource Management System
4. eTransfer, In house developed Transfer Management System
5. LANIDS- Lakshadweep Andaman Nicobar Industrial Development Scheme
6. ePSC Software for Employment Exchange
7. Labour Management System for Village Dweep Panchayath
8. Implementation of National Digital Health Mission Project and NHID Card
9. Portals of Port, Education, Science & Technology department

(Development Completed, awaiting security audit)



Thank You...