







# **ACTIVITIES AND ACHIEVEMENTS**

# NATIONAL INFORMATICS CENTRE UT of LADAKH

Ministry of Electronics & Information Technology

Government of India

30<sup>th</sup> November 2023



### **NIC Ladakh UT Centre**





# NIC UT Centre at Leh

NIC Ladakh UT Centre at Civil Secretariat, Leh.

Providing ICT support and services to the Administration of UT of Ladakh.

Connectivity: 1G though BSNL and 1G through PGCIL (with redundancy) connectivity to NIC Leh from NIC Jammu/Srinagar has been made operational.

Successfully conducted Multiple VC sessions during Covid-19 period including VCs by HPM, Ministers, HLG of Ladakh, Advisor to LG and Secretaries.

Continuous technical support to UT and District administrations including capacity building of staff.

Development and implementation of web/mobile applications, websites for the departments.

Implementation of MMPs, flagship programmes of GoI in Ladakh.

# **NIC Activities**







# **NIC Video Conferencing Services**







25

**VC Studios** 



3192+

**VC Sessions** 

VC

NIC has provided support for setting up of VC Studios in Ladakh and New Delhi. Total 25 number Support For of VC studios are operational on NICNET. On an average more than 5 VC sessions are being conducted on daily basis using NIC VC services.

**Extending** VC Services

NIC is extending the Video Conferencing services to the Rajniwas, Advisor to LG, Administrative Secretaries, ADGP Ladakh Police, both LAHDC Leh & Kargil, DCs of Leh & Kargil and SSP Leh & Kargil in UT Ladakh, RC Delhi, Ladakh Bhawan Delhi, LG House Delhi.

NIC is offering VC services since 2010

6291:00(hh:mm)

**VC Duration** 



4525

**VC Participants** 

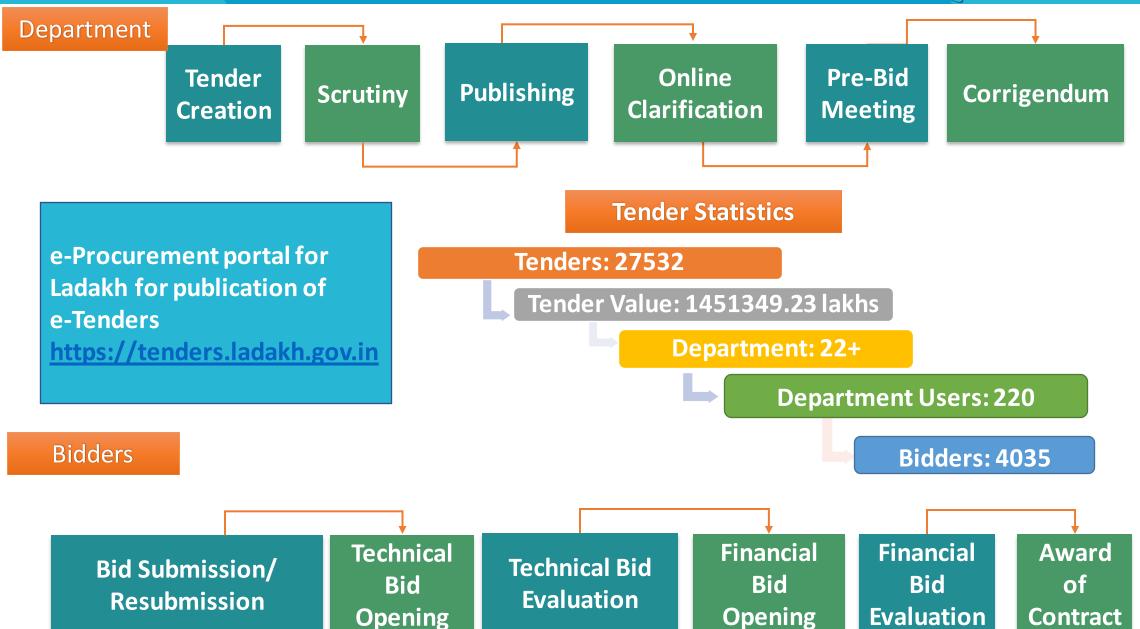
# **Government e-Procurement System of NIC**





ONLINE TENDER PROCESS



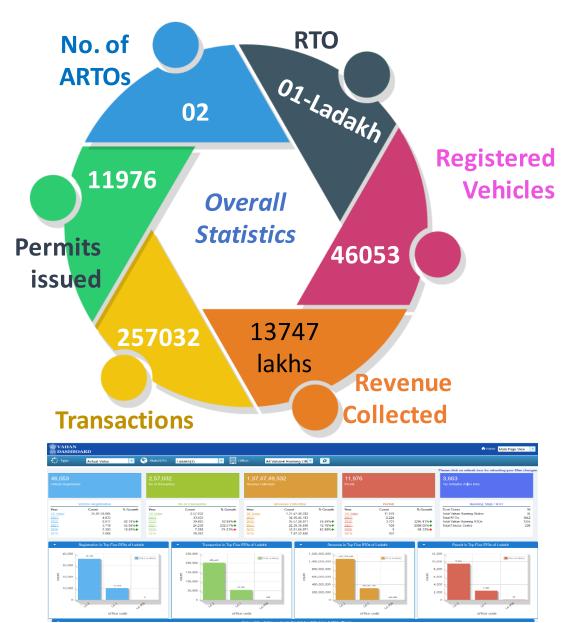




# Online Portal for Registration of Vehicles VAHAN 4.0



# https://vahan.parivahan.gov.in/





Conversion, Alternation, etc.



# **SARATHI 4.0 – Leaner License and Driving License**





# https://sarathi.parivahan.gov.in/

Apply for LL

Apply for DL

Apply for Renewal of DL

Apply for Duplicate DL

Online Fee Payment

Apply for Change of Address

**Print Application Form** 

Service Withdrawal

DL Service (Replace of DL/Others)

**Appointments** 

**Upload Documents** 

Tutorial for LL Test

Complete your pending application

Online LL Test

Add class of vehicle to an applicant

SARATHI 4.0, a web based and workflow based online portal for issue of LL and DL. Features:

- Learner License
- Driving License
- Services for Renewal, Duplicate Endorsement, etc. of DL
- Online Slot booking and payment of fees
- ❖Online computer based LL test at RTO office.
- **❖** Issuance of Driving Institutes

Digitized LL

Digitized DL

**Rev. collected** 

**Driving Instt** 

28869

10701

3.61 Cr.

14



### e-Challan







It is a sophisticated software application comprising Android based mobile app and web interface, developed for the purpose of providing an comprehensive solution for Transport Enforcement Officers and Traffic Policemen. This app cum application is integrated with Vahan and Sarathi applications and provides a number of user-friendly features while covering all major functionalities of Traffic Enforcement System.

This is an end to end automated system with digital interface for all the stakeholders in purview of challan eco-system. The e-Challan system has been implemented by Ladakh Police. The application offers customized interfaces for the following stakeholders:

- > Enforcement Officers
- Regional transport/Traffic office
- Citizens (private or commercial car owners/drivers)

- > State transport office
- NIC admin Ministry Citizens (private or commercial car owners/drivers)
- of Road and Transport

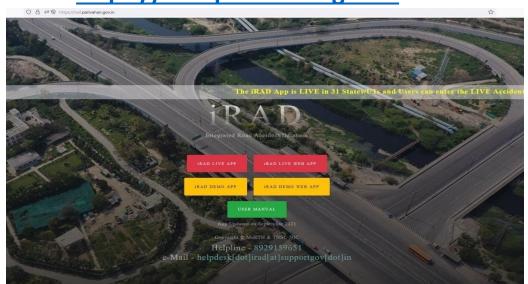






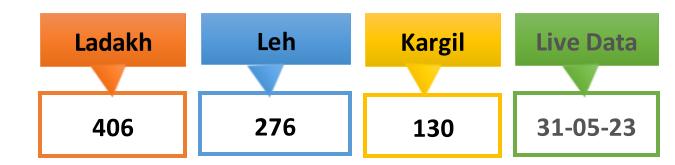


# https://irad.parivahan.gov.in



| Training Statistics |           |              |
|---------------------|-----------|--------------|
| District            | Trainings | Participants |
| Leh                 | 141       | 822          |
| Kargil              | 44        | 341          |
| Total               | 185       | 1163         |

- An initiative of the Ministry of Road Transport and Highways (MoRTH) to establish an accurate and structured framework for road accident data collection across India. It is a central accident database collation and management system.
- This database will help Centre and States in developing a data-driven system approach to road safety.
- ❖ Ministry has signed MoU with NIC/NICSI and IIT Madras for development and implementation.
- ❖The outcome of the project would be enhanced road safety i.e. 'Safe Road for All' in India.
- ❖ Stakeholders: Police, Transport, Health, Highways
- MobileApp based reporting of on-spot Accident data

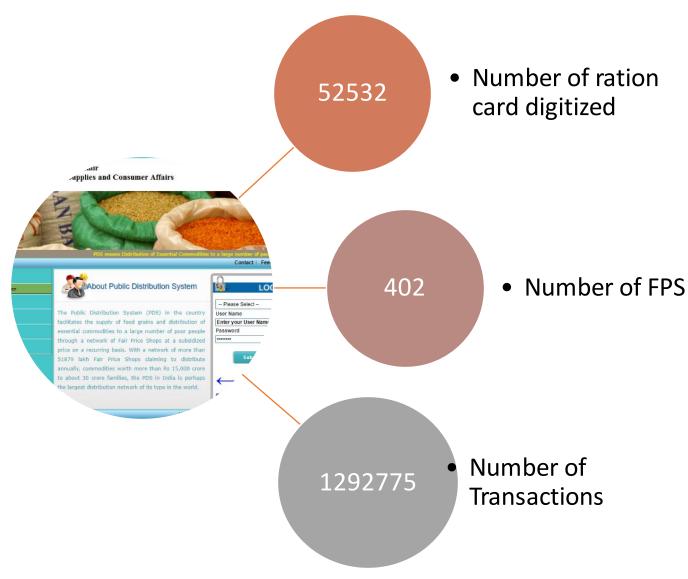




### e-PDS-Public Distribution System







http://epds.nic.in/LA/epds

http://epos.nic.in/ladakh/index.jsp

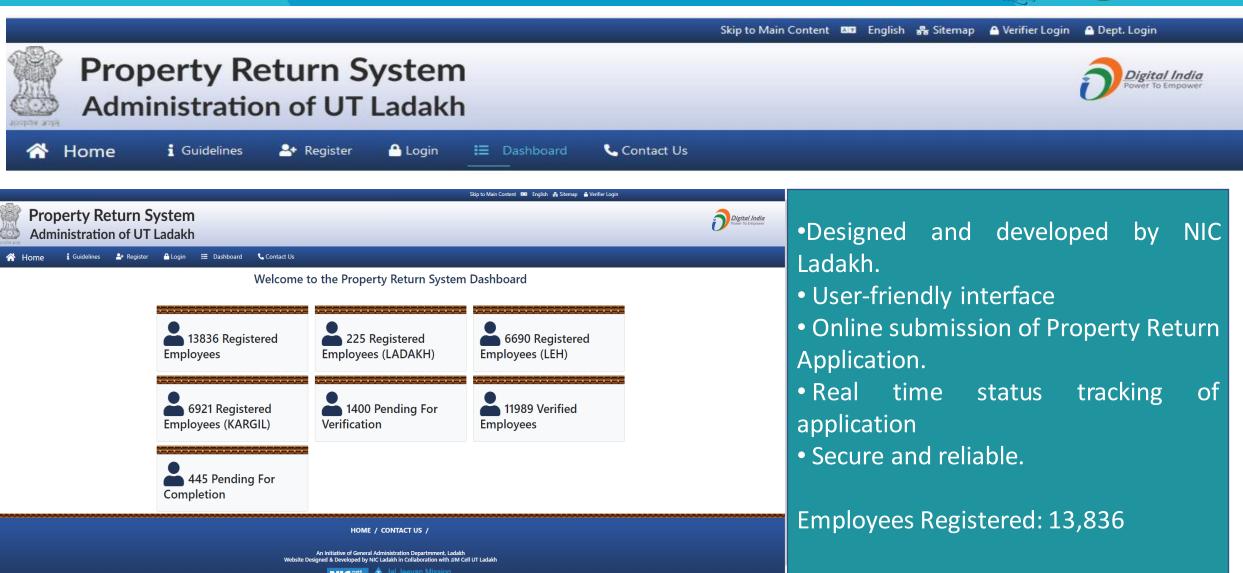
https://feast.ladakh.gov.in/



# **Annual Property Return (IPR) - Ladakh**









# **REWA – LG's Student Support Initiative**

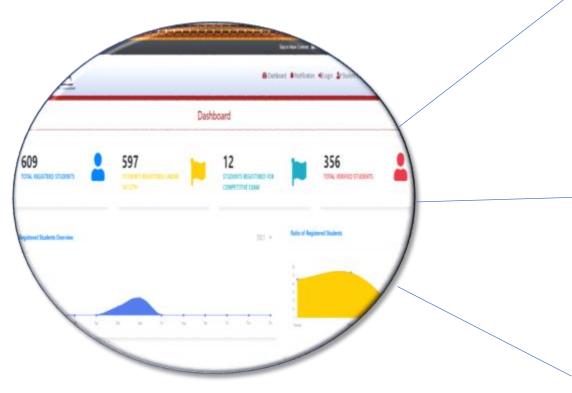






Designed, developed and launched a web application for the Social Welfare Department Ladakh

https://socialwelfare.ladakh.gov. in/rewa for registration of candidates to provides financial assistance to meritorious students seeking coaching for competitive examinations.



TOTAL REGISTERED STUDENT: 721

STUDENT REGISTERED UNDER 10TH/12TH: 702

STUDENT
REGISTERED FOR
COMPETITIVE
EXAM: 19

### **Employment Portal**





Replicated Employment portal from UT of Jammu and Kashmir.

The application is staged in NIC Data Centre Jammu.

Online portal for registration of unemployed persons

**Integration with NCS Portal complete** 

UI redesign and audit in progress



02







The Common High Court of J&K would have the jurisdiction over the UT of J&K and UT of Ladakh.

 Number of District Covered

Number of Courts

Locations

**District Courts** 

**Taluka Courts** 

7

2

5

 Number of Disposed Cases\*

Number of Pending Cases\*



\* Data for year 2023

#### LIFMS



# https://lifms.ladakh.gov.in/

#### **LIFMS**

✓ Ladakh Integrated Financial Management System (LIFMS) is online fully automated budgeting procedures. In UT of Ladakh only Budget **Estimation Preparation** and modules would be implemented, PFMS as implemented in Ladakh Distribution Budget and **Expenditure Monitoring.** 

#### **BUDGET ESTIMATION**

✓ Collection of Schematic budget estimates from DDO level and after compilation at various intermediate levels, it is finally submitted to Finance Department Ladakh.

#### **BUDGET PREPARATION**

✓ Based the Budget estimates of Departments, will **Various** reports be generated for budget by the discussion Finance department. Based on the discussion Budget Section can updated the budget estimates and can generate the Annual Finance Statement, Demand for Grant its etc for submission Ministry of Home, Govt of India.

**BCA** 

**BCO** 

**DDOs** 



109

467

**73** 







Implemented an instance of e-Gazette web application developed by NIC MoHUA

The application is hosted in NIC Data Centre Jammu.

This is an online system for publication of Govt. Gazette Notifications of the Administration of UT of Ladakh.

226 Gazettes have been published

**Integrated with Parichay for 2FA** 



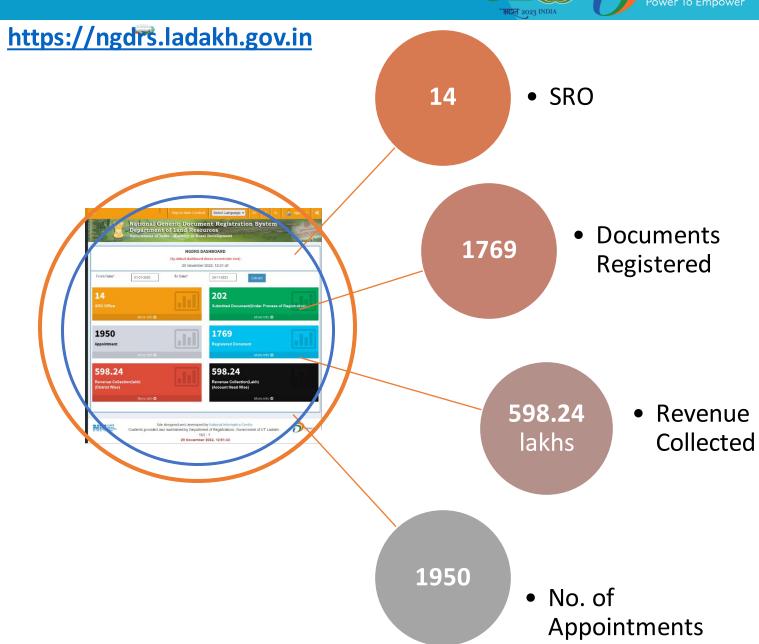
https://egazette.ladakh.gov.in



#### **NGDRS Ladakh**

Digital India
Power To Empower

- ✓ NGDRS application has been implemented in UT of Ladakh.
- ✓ NGDRS was an initiative of the Revenue Department Ladakh.
- ✓ Separate instance of the NGDRS application has been created by the NIC SDU Pune.
- √ The NGDRS portal was launched on 11<sup>th</sup> March 2022 by the Hon'ble Lt. Governor Ladakh.



#### **PARIVESH**





PARIVESH is a web based, role based workflow application which has been developed for online submission and monitoring of the proposals submitted by the proponents for seeking Environment, Forest, Wildlife and CRZ Clearances from Central, State and district level authorities. It automates the entire tracking of proposals which includes online submission of a new proposal, editing/updating the details of proposals and displays status of the proposals at each stage of the workflow.



https://parivesh.nic.in



# e-Office (eFile) Ladakh





# https://eoffice.ladakh.gov.in

777

**74** 

**82** 

31

Users Onboarded from Secretariat and Directorate level

Users Onboarded from DC Office Leh

Users Onboarded from DC Office Kargil

Users Onboarded from Block level offices (BDOs)





https://ehospital.gov.in



An initiative of Health & Medical Education **Department Ladakh for improving the** delivery of Health Services

Implemented a separate instance of e-**Hospital for Ladakh** 

2 District Hospitals and 20 SDH/CHCs are LIVE onNextGen e-Hospital.

17 health institutions are on-boarded and Live on e-Hospital.

3 health institutions are being on-boarded on NextGen e-Hospital at Staging.

**OPD** 

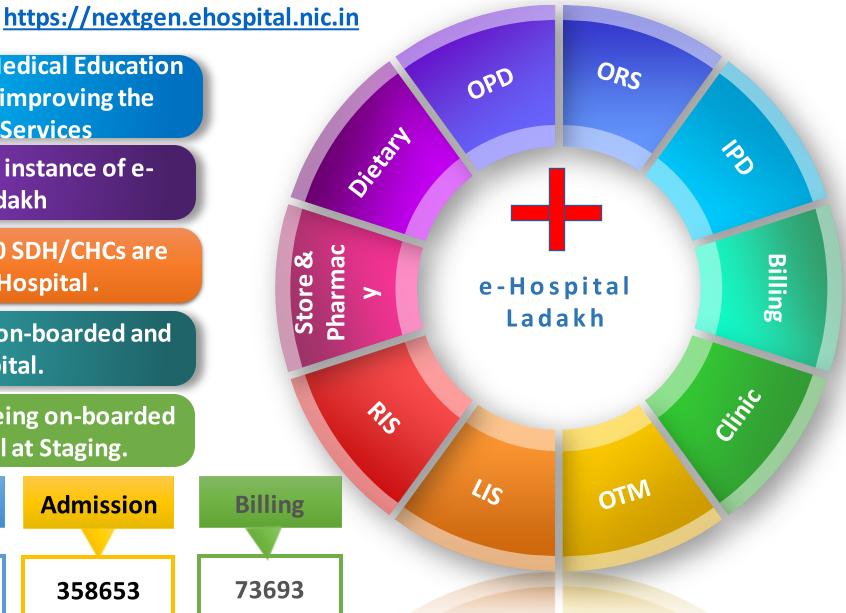
Clinic

**Admission** 

358653

Billing

73693



531354

35106



Union Territory of Ladakh







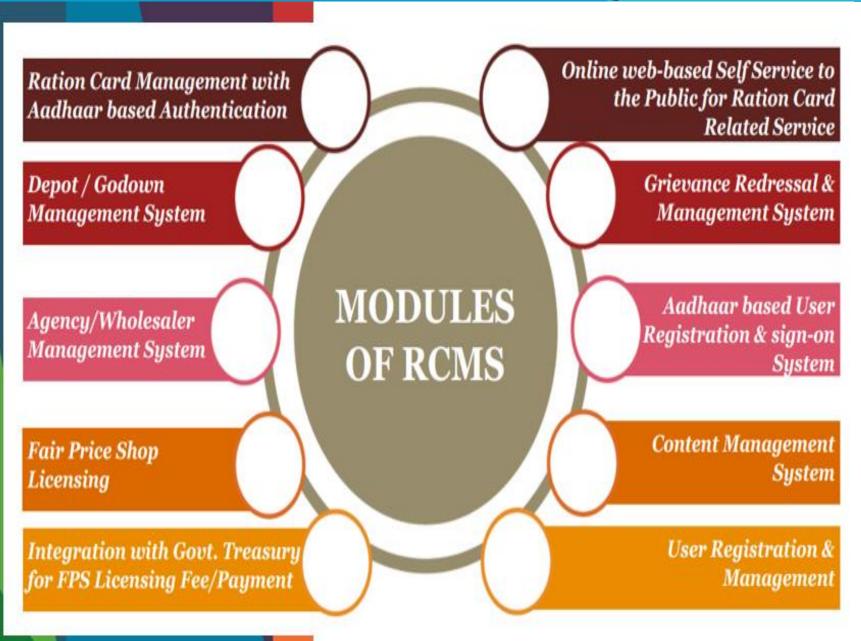
# What is RCMS(Ration Card Management System)?

(11)

RCMS is a database containing digitized details of the beneficiaries and their family members.

All RCMS processes are real time work - flow based which requires Aadhaar based digital sign/authentication of the officers at each step.

RCMS module helps to generate Paper based or Smart card based ration card.





#### **RTI Online**

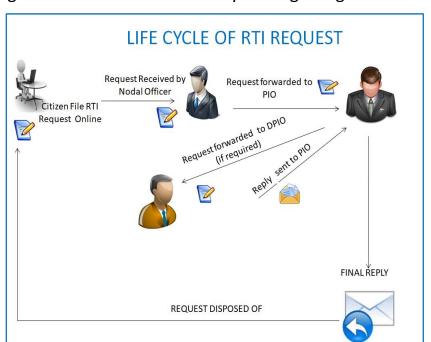




# https://rtionline.Ladakh.gov.in

The RTI portal was officially inaugurated at Raj Niwas, Ladakh, by the esteemed Lieutenant Governor of Ladakh, Brigadier (Dr.) B.D. Mishra (Retd), on August 18, 2023.

The RTI (Right to Information) portal is a digital platform that enables citizens to access government information. It enhances transparency, streamlines information requests, reduces paperwork, and empowers citizens to exercise their right to information more efficiently. This online tool promotes open governance and accountability in a digital age







Union Territory of Ladakh





Centr

Home Submit Request Submit First Appeal View Status View History FAQ Contact Us User Manual Nodal officers RTI Act

#### Click here for Officer Login

#### Online RTI Information System

Click here to Submit Request

Please do not file RTI application/first appeal through this portal for Departments/Public Authorities under Central Government or other State Governments. If filed, the application would be returned without refund of the fee amount.

This is a portal to file RTI application/first appeal online along with payment gateway. Fee payment can be made through Internet Banking. Through this portal RTI application/first appeal can be filed by Indian Citizen only for the Departments/Public Authorities of the UT Ladakh

Please read instructions carefully while submitting the RTI application/first appeal.







### **E-System of Asset Management (e-SAM)**





# https://eassets.ladakh.gov.in

On August 18, 2023, the Hon'ble Lieutenant Governor Ladakh officially inaugurated the e-SAM application in the Union Territory of Ladakh. This application is now active and available for departmental use, enabling the planning and management of organizational assets, including acquisition, operation, maintenance, renewal, and disposal.





The application offers significant advantages to the UT Administration and various departments by enabling efficient tracking, organization, and optimization of assets. It enhances accessibility to asset information, streamlining maintenance and reducing downtime. Real-time updates/alerts facilitate accurate decision-making, improving resource allocation. Integrating vendor AMC maintenance adds expert support, reducing downtime and enhancing asset performance



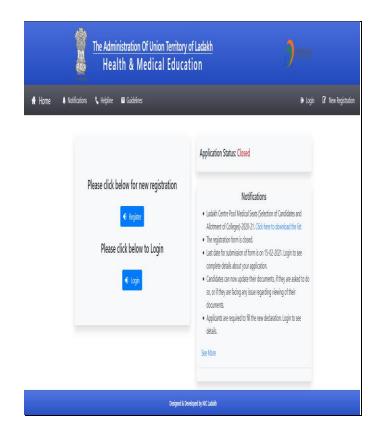
# **Health & Medical Education Department**



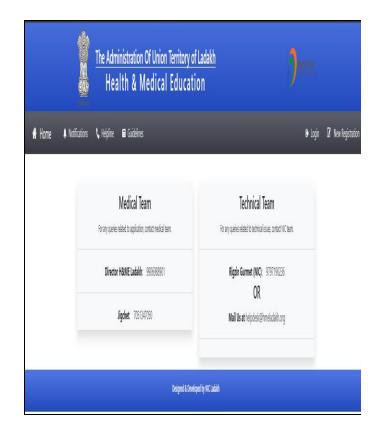




# The Administration Of Union Territory of Ladakh Health & Medical Education



Designed, developed and launched a web application for the Health & Medical Education Department Ladakh https://hmeladakh.org/ for registration of candidates for applying for Selection and Allocation of Colleges for Central Pool MBBS & BDS Seats of Ladakh Quota.





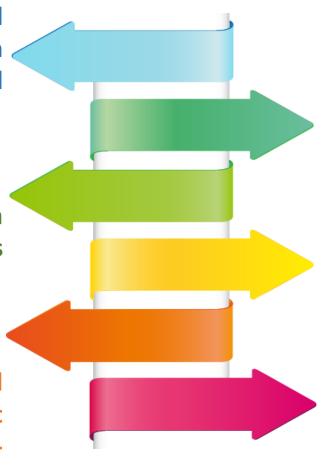




eSilsa -Mobile Application for Offline Books and Videos for Tablets has been designed, developed and deployed by DIO NIC Kargil

The app is designed in such a way that it appends contents from SD card of the Tablet.

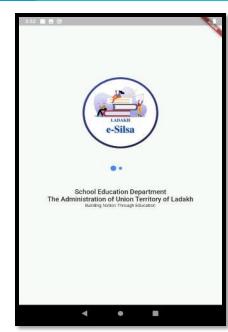
This solution was proposed to Education Department keeping in view of unavailability of Internet in most of the villages in Ladakh.



The app has been installed in 5000 Tablets for students of 6th to 12th Classes

All the textbooks and video lectures are stored in the SD card.

Students can now access e-Text books without the need of Internet.







# **Kargil Tour Guide - Mobile App**





- Mobile application Development of Kargil Tour Guide has been designed and developed by NIC Kargil under District Governance Mobile Challenge.
- > This app is a source of Tourist information.
- All the tourist places, festivals, tourist information are available on this app.
- Lack of content from Department.







# Ladakh Heritage Mobile App



nanay tungtang

samthaling manaykhan

The Ladakh Heritage App is designed and developed by NIC (NIC Kargil).

The listing is being done by the filed staff of Rural Dev. Department.

Listing of Heritage site with GEO tagging.

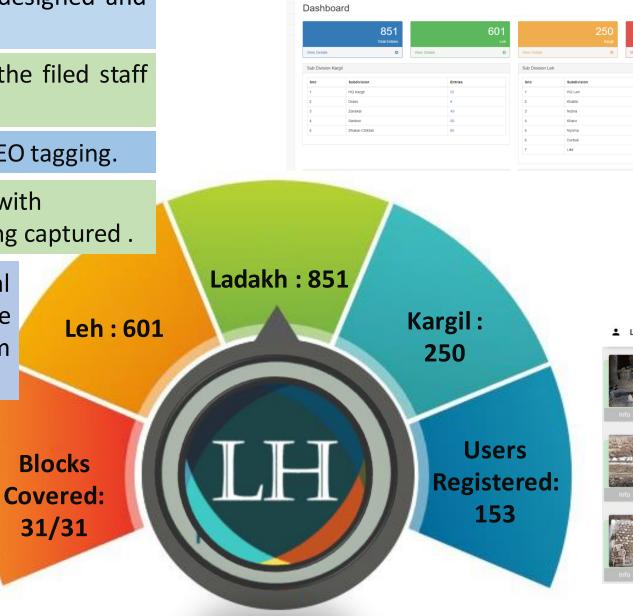
A brief historical background with photographs of the site is being captured .

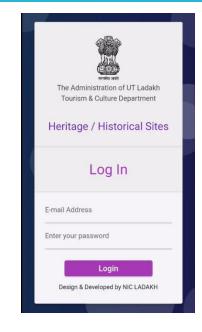
**Blocks** 

31/31

Listing of Heritage/Historical sites of Ladakh is an initiative of the Department of Tourism & Culture Ladakh.







34.54102168195917

76.14163789898157

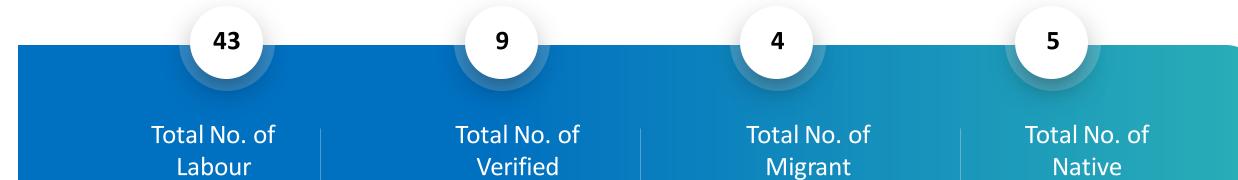


# **Mobile App & Web Application**

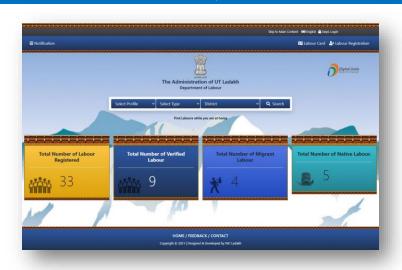




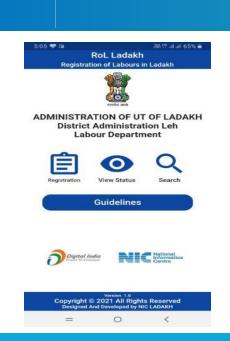
# **Department of Labour**



Labour



Registered



Labour



Labour







01

Designed & developed website of the Administration of UT of Ladakh on S3WaaS platform <a href="https://ladakh.nic.in">https://ladakh.nic.in</a>.

02

Designed & developed of website of District Leh on S3WaaS platform. The website is live at <a href="https://leh.nic.in">https://leh.nic.in</a>

03

Designed and developed website District Kargil on S3WaaS platform. The website is live at <a href="https://kargil.nic.in">https://kargil.nic.in</a>.



04

05

Designed, developed website for the Social & Tribal Welfare Department Ladakh. The website is live at <a href="http://socialwelfare.ladakh.gov.in">http://socialwelfare.ladakh.gov.in</a>.

Designed, developed and hosted website for the School Education Department Ladakh. The website is live at <a href="http://dse.ladakh.gov.in">http://dse.ladakh.gov.in</a>

#### Websites







06

Designed, developed and hosted website for the Ladakh Legal Service Authority.

https://llsa.ladakh.gov.in

07

Designed, developed and hosted website for the Industries & Commerce Department Ladakh. <a href="https://industries.ladakh.gov.in">https://industries.ladakh.gov.in</a>

08

Designed, developed and hosted website for the Distt. Statistical & Eval. Department Kargil. <a href="https://dseokargil.ladakh.gov.in">https://dseokargil.ladakh.gov.in</a>



Designed, developed and hosted website for the Ladakh Power Development Department. The website is live at <a href="https://lpdd.ladakh.gov.in">https://lpdd.ladakh.gov.in</a>

10

Designed, developed and hosted website/portal for the Food Safety Department Ladakh. The website is live at

https://foodsafety.ladakh.gov.in





# Websites



11

Designed, developed and hosted website for the Ladakh Disaster Management Authority.

https://ldma.ladakh.gov.in





# Other Projects / Applications implemented in Ladakh G2 6 7





| #  | Other Web applications and websites implemented in Ladakh   |
|----|---|
| 1  | CPGRAMS https://pgportal.gov.in   |
| 2  | NDAL & ALIS https://ndal-alis.gov.in  |
| 3  | GPF for UT Ladakh http://10.149.0.43  |
| 4  | ICJS: e-Prison, CCTNS   |
| 5  | MIS for LAHDCs (compilation of accounts)  |
| 6  | E-Stamp (provided implementation support)   |
| 7  | E-Mail Support(@ladakh.gov.in and @police.ladakh.gov.in) 3K+ email accounts created   |
| 8  | Domain Name Support "ladakh.gov.in" ( 50 domains at 4 <sup>th</sup> level have been registered).                              |
| 9  | Application for posts Contractual Lecturers under different schemes of Education Department at through ServicePlus Framework. |
| 10 | Rent Collection under ULB service developed on ServicePlus platform   |
| 11 | Trade License under ULB services developed  |
| 12 | SPARROW: workflow based system for enabling civil servants (IAS officers) to file their APAR.                                 |
| 13 | IVFRT   |



# Other Projects / Applications implemented in Ladakh G2 6





| 14 | RTI Online Portal https://rtionline.ladakh.gov.in/ |
|----|--|
| 15 | RCMS portal http://rcms.Ladakh.gov.in/             |



# Web Applications/Projects under Pipeline





| # | Web/Mobile applications and websites  | Status                                     |
|---|---|--|
| 1 | LG Blog site and LG website   | Under Security Audit                       |
| 2 | eAbgari: Supply Chain Management System of Excise Commodities <a href="https://eabgari.ladakh.gov.in">https://eabgari.ladakh.gov.in</a>                       | Staging for Testing/Feedback/Customization |
| 3 | Employment Portal (Employment)  | Staging for UAT and Security Audit         |
| 4 | Website of Finance Department   | Staging for UAT and Security Audit         |
| 5 | Online Guest House booking for H&P Department   | Under Customization                        |
| 6 | Web portal for health and medical education department for providing services such as registration and renewal of Clinical Establishment and PC & PNDT online | Under development                          |
| 7 | Online Consent Management & Monitoring System (PCC Ladakh)  | Technical & Financial Proposal submitted   |



# Web Applications/Projects under Pipeline



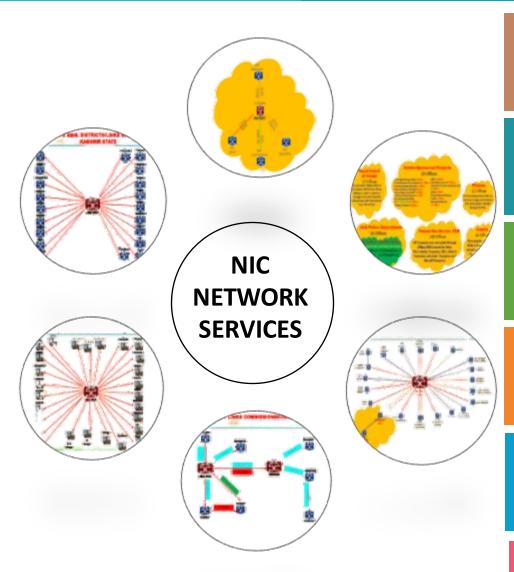


| #  | Web/Mobile applications and websites   | Status            |
|----|--|-------------------|
| 8  | Application of Evaluation Module of Backend portal for Listing of Heritage Sites of Ladakh | Under development |
| 9  | Permission for Grant of permit to extract and use ground water in the notified area.       | Under development |
| 10 | Portal for processing of Appointments to Govt. Post (GAD)                                  | Under development |
| 11 | Web Portal for Tourism Department, Ladakh  | Under development |
| 12 | Website for Chief Electoral Office, Ladakh.  | Under development |



### **NIC Network services**





- Internet and Networking services for **UT of Ladakh** are being provided from NIC J&K Network Operation Centre (iNOC) Jammu.
- Data Centre services for UT of Ladakh are also being provided from NIC J&K Data Centre located at Jammu.
- May provision to establish an independent INOC (Integrated Network Operations Centre) for UT of Ladakh at Leh.
- Under NKN high speed connectivity has been provided to institutes of higher learning including Defence Institute of High Altitude Research (DIHAR) Leh and University of Ladakh.
- Dedicated Lease Line Network to Rajniwas, Civil Secretariat, Ladakh Police, District Admins, ITBP, LAHDCs, Treasuries, Departments. NICNET network on LAN has been provided to UT Secretariat and DC Offices.
- Established high-speed Leased Line 1G BSNL and 1G PGCIL, in redundant mode, for UT of Ladakh at Leh.



# **NICNET Network in Ladakh**



| S.No | Name of the Circuit  |      | Bandwidth             |  |
|------|----------------------|------|-----------------------|--|
| 1    | DHQ LEH              | 1    | G Pry & 1G Failover   |  |
| 2    | DHQ KARGIL           | 100  | M Pry + 100M Failover |  |
|      | UT ADMINISTRATION    |      |                       |  |
| 1    | Rajniwas Ladak       | h    | 10 Mbps               |  |
| 2    | Civil Secretariat La | dakh | NIC LAN               |  |
| 3    | DCO Leh              |      | LAN                   |  |
| 4    | DCO Kargil           |      | LAN                   |  |
| 5    | LAHDC Leh            |      | NIC LAN               |  |
| 6    | LAHDC Kargil         |      | 4 Mbps                |  |
| 7    | PHQ Ladakh Police    |      | 20Mbps                |  |
| 8.   | ADGP Ladakh Police   |      | 20Mbps                |  |
| 9    | DivComm Kargil       |      | 4Mbps                 |  |
|      | TREASURIES           |      |                       |  |
| 1    | Treasury Leh         |      | 2Mbps                 |  |
| 2    | Treasury Kargil      |      | 2Mbps                 |  |
| 3    | Treasury Drass       |      | 2Mbps                 |  |
| 4    | Treasury Sankoo      |      | 2Mbps                 |  |
| 5    | Treasury Chiktan     |      | 2Mbps                 |  |
| 6    | Treasury Khaltsi     |      | 2Mbps                 |  |
| 7    | Treasury Nyoma       |      | 2Mbps                 |  |
| 8    | Treasury Nubra       |      | 2Mbps                 |  |

| S.No.                    | Name of the Circuit      | Bandwidth |  |
|--------------------------|--------------------------|-----------|--|
| LADAKH BHAWAN            |                          |           |  |
| 1                        | Ladakh Bhawan Delhi      | 34 Mbps   |  |
| 2                        | RC Ladakh Delhi          | 34Mbps    |  |
| GPF OFFICE JK            |                          |           |  |
| 1                        | GPF Office Leh           | 2Mbps     |  |
| 2                        | <b>GPF Office Kargil</b> | 2Mbps     |  |
| E-COURTS                 |                          |           |  |
| 1                        | District Court Leh       | 2Mbps     |  |
|                          | LAHDCs                   |           |  |
| 1                        | LAHDC Leh                | LAN       |  |
| 2                        | LAHDC Kargil             | 4Mbps     |  |
| TRANSPORT- ARTO          |                          |           |  |
| 1                        | ARTO Leh                 | 4Mbps     |  |
| 2                        | ARTO Kargil              | 4 Mbps    |  |
| NKN                      |                          |           |  |
| 1                        | DIHAR Leh                | 100Mbps   |  |
| 2                        | University of Ladakh     | 100Mbps   |  |
| LADAKH POLICE DEPARTMENT |                          |           |  |
| 1                        | SSP Office leh           | 2Mbps     |  |
| 2                        | SSP office Kargil        | 10Mbps    |  |
|                          |                          |           |  |
|                          |                          |           |  |

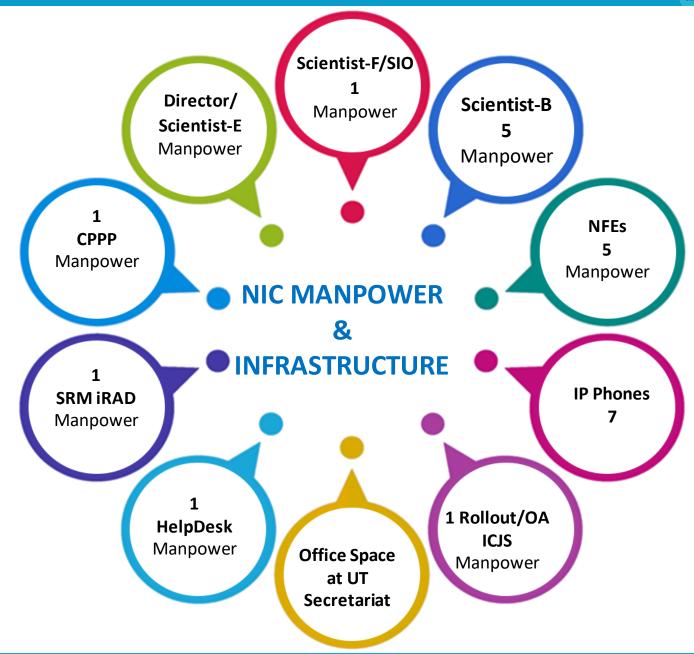


# NIC Manpower & Infrastructure – UT Centre G2





#### **NIC Ladakh UT Centre**





# NIC Manpower & Infrastructure - LEH





# **NIC District Centre Leh**



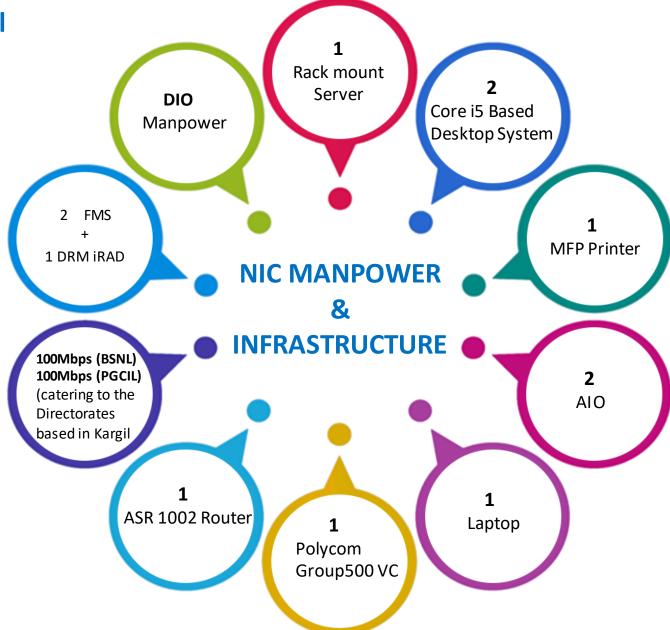


# NIC Manpower & Infrastructure - KARGIL G2





**NIC District Centre Kargil** 





# **NIC Bhavan Ladakh**





NIC Bhavan in Ladakh proposed with provision for IT Lab, Examination Centre, iNOC.

Total build-up area of approx 4200 sq. ft. excluding parking and green spaces.

Draft budget estimate of approx INR 4.5 crores obtained from const. dept.

Proposed space for Centre of Excellence for Application Security.

Other amenities like meeting room, VC Hall, waiting room proposed.

Provision for Central Heating and air conditioning system ideal workspace throughout.





# Thank You...