



SVAMITVA

Ownership of Property in Rural Inhabited
("Abadi/Lal Dora") Areas



NEW PROJECT

SVAMITVA (Survey of Villages Abadi and Mapping with Improved Technology in Village Areas) is a Central Sector Scheme of Ministry of Panchayati Raj towards establishment of clear ownership of property in rural inhabited Abadi/Lal Dora areas. The land parcels mapping is done using Drone Technology ensuring up to five centimetres level accuracy for providing legal Ownership Cards (Property Cards/Title Deeds) to village household owners.

National Informatics Centre, Himachal Pradesh was entrusted to develop SVAMITVA application with an objective to help the Department in effective monitoring of implementation of the scheme and software to maintain attribute records as Form-D. Village Revenue Officer (VRO/Patwari) updates the status of SVAMITVA scheme for the villages falling in Patwar Circle. This results in drilldown dashboard available right from Patwari to State Authorities. The application enables the Department to digitise the attribute data received on finalisation of the Survey Work by the Survey of India. The software is integrated with Land Records to reuse the Shajra Nasb created in Land Records maintenance and also to mention the Khasra(s) of Revenue Villages in which the SVAMITVA Survey numbers exist.

Key Features

- Form-D, equivalent of Jamabandi is generated for Abadi Deh of every Revenue Village.
- In a role-based approach, the Form-D entries are verified by the Kanoongo and approved by the Tehsildar before finalisation and freezing.
- The Survey Map of the Abadi Deh of the Revenue Village is prepared by the Survey of India and handed over as a single PDF file having one Survey Number on each page. The PDF is uploaded by the Patwari in SVAMITVA application. The PDF is split into independent PDFs for each Property ID. The spatial PDF is integrated with the attribute data based on the Unique Property ID.
- Once Form-D is frozen, the Patwari can generate Property Card for each unique property having one or more owners. The Property Card lists attribute data as well as the spatial map of the survey number.
- Property Card is also integrated with DigiLocker. Owners can access their Property Cards based on the Unique Property ID or the mapped phone number with the Survey Number.
- The unique Him Parivar Member Number is also mapped with the Owners by integrating the solution with Him Parivar Register.

Current Status

The SVAMITVA project has a scope to cover all the Abadi Deh Khasras available in the Revenue Villages spread across the state. As a pilot implementation, SVAMITVA project has been implemented in District Hamirpur of Himachal Pradesh. Sh. Sukhvinder Singh, Hon'ble Chief Minister of Himachal Pradesh formally launched the SVAMITVA Project in the State and distributed the Property Cards to beneficiaries at Hamirpur on 16 August, 2024.

Guest Speak

Ms. Ritika, IAS

Director Land Records, Himachal Pradesh

I would like to extend my heartfelt appreciation to the National Informatics Centre (NIC), Shimla, for their invaluable contribution towards the successful implementation of the SVAMITVA Scheme in Himachal Pradesh. The development of specialized software applications and user-friendly dashboards has played a crucial role in streamlining Land Records Management and enhancing transparency.

These digital innovations have significantly strengthened our efforts to provide ownership rights to rural households, in line with the vision of the Government of India. The technology-driven approach of NIC has empowered officials to monitor progress, address challenges and ensure accuracy in Land Mapping and documentation.

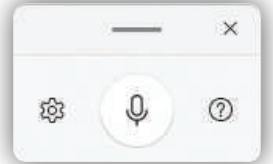
I thank the entire team at NIC for their dedication and technical expertise in making this project a success. The excellent work done by NIC has greatly contributed in realizing the goals of the SVAMITVA Scheme and fostering the cause of Land Reforms in Himachal Pradesh.



Tech Tips

Voice to Text Conversion

To convert spoken words into text in the Windows Operating System, open any text editor application like Word, Notepad etc. Press the Windows Key + H to start dictation. A microphone icon will appear in the dictation toolbar. Speak clearly and naturally into your microphone. Windows Speech Recognition will start converting your spoken words into text. If the transcribed text contains errors, you can edit it manually. To stop dictation, press Windows Key + H again.



In Focus

- The plantation activity was done by all the members of the NIC HP from 12 to 15 August, 2024 under “Ek Ped Maa Ke Naam Abhiyan”.
- NIC HP has celebrated the “Har Ghar Tiranga Abhiyan” and hosted the tricolour on their homes and offices from 09 to 15 August, 2024.
- “Nasha Mukht Bharat Abhiyan” was celebrated on 12 August, 2024 by all the members of the NIC HP.
- “Hindi Pakhwara” is celebrated by the NIC HP from 14 to 28 September, 2024.
- All the members of the NIC HP are actively participating in the “Swatchhta Campaign” being observed from 17 September, 2024 to 02 October, 2024.
- “Vigilance Awareness Campaign” is also being celebrated in the NIC HP from 16 August, 2024 to 15 November, 2024.



Destination

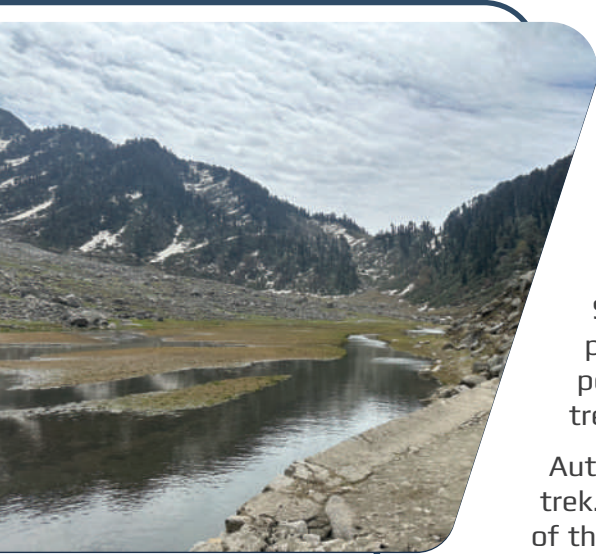
Kareri Lake Trek

Nestled near Dharamshala in the Kangra valley of Himachal Pradesh, Kareri Lake is a mesmerizing adventure trek in the Dhauladhar Range of the Indian Himalayas. A heaven for nature lovers & trekkers, it is approximately 10 KMs long trek that offers natural beauty and thrilling challenges. The landscapes range from dense Ban forest to Alpine trees with gushing Liyund stream cutting through narrow gorges. The trek is a vibrant tapestry of flora, fauna and breathtaking landscapes.



It is a moderately difficult trek, making it suitable for both beginners and experienced trekkers. Usually, it takes around 4-5 hours to reach Kareri Lake (2934 Meters). The trail involves a mix of gradual ascents, descents and some steep sections that provide stunning views of snow-capped peaks, cascading waterfalls and lush green hills.

It is a beautiful glacial lake just below the Minkiani peak in the Dhauladhar Mountains. The crystal-clear water of the lake reflects the surrounding peaks that create a breathtaking sight. The lake remains frozen from early December to March-April. During the night, Kareri Lake is spectacularly beautiful and is ideal for stargazing.



Start Point

The trek starts from Nouli Bridge, which is 27 KMs from Dharamshala and 3 KMs away from Kareri village. A Forest Rest House, private Guest Houses and Camps are available in the Kareri village.

Best Time to Visit

Spring (March to June) is a delightful time for the trek. The weather is pleasant with blooming flowers, lush green meadows and snow-capped peaks. The temperatures are moderate, making it comfortable for trekking.

Autumn (September to November) is considered the best season for the trek. The weather is pleasant with clear sky that offer breath-taking views of the surrounding mountains. The temperature remains moderate during the day whereas nights remain moderately colder.

ACCESS



By Air The nearest airport to the Kareri village is Gaggal Airport located 13 KMs away from Dharamshala. From there, one can reach the Kareri village by road, either by hiring a taxi or using public transport.



By Train Located at 88 KMs from Dharamshala, Pathankot Cantt is the nearest broad-gauge railway station which is well connected to all the major cities in India. The nearest narrow-gauge railway station is Kangra Mandir Railway Station.



By Road Kareri village is about 24 KMs away from Dharamshala which is well connected by road from all the major cities.

Tech Updates

Cyber Security

Cyber Security is the practice of protecting the Computers, Servers, Mobile Devices, Networks, Data and other Internet Connected Devices from malicious attacks and unauthorized access.

Types of Cyber Security

- Network Security: It deals with protecting the computer networks from intruders.
- Application Security: It focuses on keeping software and devices safe from the threats.
- Information Security: It protects data's integrity and privacy in storage and transit.



History

In the very first, as the technology evolved, viruses and cyber threats began to emerge. As technology advanced, so did the cyber-attacks shoot up, resulting in the dire need of more robust security measures.

Key Elements of Cyber Security

- Risk Management: It involves in identifying and mitigating the potential threats.
- Data Protection: It ensures that sensitive information is safe from the data breaches.
- Incident Response: It deals with the measures as how an organization should respond in the event of a cyberattack.

The Benefits of Cyber Security

The key benefits of the Cyber Security are protecting sensitive data from theft and ensuring privacy, especially for handling personal information, prevent financial losses resulting from data breaches or ransomware attacks.

Cyber Security Threats

Cybersecurity Threats are constantly evolving. Malware, phishing and ransomware are common examples with the potential to cause significant harm, if not properly protected.

Major Cyberattacks

Notable cyberattacks in India include the "I Love You" virus in 2000, the "Stuxnet" worm in 2010 and the "WannaCry" ransomware attack in 2017.

Cyber Security Challenges & Best Practices

With the rapidly changing nature of Cyber Threats and the vulnerabilities, regular Software updations, Patch Management, deployment of proper Antivirus Policies, using Strong Passwords and security awareness are the most important aspects of the Cyber Security.

Government Initiatives

The Indian Government has taken several initiatives to promote Cyber Security. The notable ones are:

- Establishment of CERT-In, in 2000
- Launching the National Cyber Security Policy in 2013
- Establishment of National Cyber Coordination Centre to monitor and respond to Cyber Threats
- Promoting Cyber Security awareness and education like the "Cyber Swachhta Kendra"

In addition to this, National Informatics Centre (NIC) plays a vital role in the Cyber Security by securing Government Networks and ensuring the safety of Government Data. NIC's efforts include implementing security protocols, conducting & ensuring Security Audits and offering Cyber Security Trainings across various Government Departments.

Conclusion

Cyber Security is utmost essential in today's digital world in safeguarding information, privacy, and trust.

Awards & Accolades

NIC Himachal Pradesh has been conferred with the prestigious Gems of Digital India Awards 2024 (Analyst's Choice) for two projects viz. MeitY - GAC MIS (Grievance Appellate Committee) and School Safety MIS/Mobile App for Government of HP. The awards ceremony was organized by the Coeus Age at The Claridges Hotel, New Delhi on 26 July, 2024. Shri Sandeep Sood (Senior Director IT), Shri Sanjay Kumar (Senior Director IT), Shri Sanjay Kumar (Director IT), Shri Mangal Singh (Joint Director IT) and Shri Ashish Sharma (Joint Director IT) have received the awards on behalf of National Informatics Centre, Himachal Pradesh.



Family Connect

- Palaksha d/o Smt. Upasana & Sh. Sarvjeet Kumar (Scientist-C) celebrated her birthday on 04 August, 2024.
- Naisha Negi d/o Smt. Sunena & Sh. Prithvi Raj Negi (Scientist-C) celebrated her birthday on 16 August, 2024.



Mihika Sharma d/o Smt. Monika & Sh. Ashish Sharma (Scientist-D) celebrated her birthday on 19 August, 2024.

NIC Himachal Pradesh wishes a very Happy Birthday and glorious future to dear Palaksha, Naisha and Mihika.

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**Dream is not that which you see while sleeping,
It is something that does not let you sleep.**

Dr. A.P.J. Abdul Kalam

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