हिम NIC Informatics
एनआईसी National Informatics Centre
A Quarterly Newsletter by NIC Himachal Pradesh
Volume 03 | Issue 04 | October-December 2025
https://nichimachal.nic.in/news-letter

AHMIS

ANIMAL HUSBANDRY MILK INCENTIVE SCHEME

Spotlight

Developed for the Department of Animal Husbandry, Himachal Pradesh, AHMIS is an online system to provide the incentive to Dairy Farmers ensuring Minimum Support Price for the cow & buffalo milk supplied to eligible Non-Government Cooperative Milk Societies. Verified detail of the supplied milk is entered into the portal by the respective Societies and processed by the Department. The incentive is directly transferred to the beneficiaries' bank account on monthly basis in DBT mode. The Freight Subsidy for transportation of milk is also directly transferred to the bank accounts of the Cooperative Milk Societies.

The farmers receive an instant SMS notification through portal for the benefits transferred to their registered bank accounts. They can also login into the portal through OTP based authentication and can check the milk supplied details, payments & deductions etc., if any by their respective Societies and the Milk Incentive paid by the Government.

Developed by NIC HP, this role-based, paperless solution provides interfaces for key stakeholders viz. Department of Animal Husbandry (for the management of Milk Incentive & Freight Subsidy), Banks (for verification of the payments), Treasuries (for bills processing & incentive transfer), Milk Societies (for the Dairy Farmer's registration, management of the milk supplies & freight details) and Dairy Farmers. It is also integrated with State Budget and e-Bills software ensuring that no manual intervention is required at any stage.

Key Features

The key features of AHMIS are:

- End-to-end, workflow-based online system for processing the milk incentives to the Dairy Farmers and freight subsidy to the Cooperative Milk Societies
- Milk supply data entry and verification by Milk Societies
- Direct Benefit Transfer (DBT) of incentives to farmers' bank accounts
- Monthly automated payment processing, ensuring timely disbursement
- SMS alerts to farmers for incentive credit confirmation
- OTP-based secure login for farmers to view milk supply, payments and deductions
- Paperless and fully automated solution with zero manual intervention
- Makers-Checkers feature to ensure the correctness of the data
- Direct transfer of freight subsidy to Milk Societies
- Seamless integration with State Budget and e-Bills systems
- Role-based access for Department, Banks, Treasuries, Societies and Farmers

Guest Speak

Sh. Nanak Chand
President, Kamdhenu Hitkari Manch (Dairy Cooperative), Bilaspur HP

Hon'ble Chief Minister Himachal Pradesh, Shri Sukhvinder Singh, has always given the highest priority to the welfare of farmers and milk producers. With this mindset, a historic increase in milk prices was implemented in the State. Initially, this benefit was availed only by milk producers who supplied milk to Himachal Pradesh Milkfed. However, under a visionary and farmer-friendly initiative, Milk Incentive Scheme was launched on 08 July 2025 and now an incentive of ₹3 per litre of qualified milk supplied to eligible Non-Government Dairy Cooperative Societies is being directly transferred into the dairy farmer's accounts through DBT (Direct Benefit Transfer).

This scheme has ensured an increase in the income of milk producers and provided them with economic support by giving them a fair and minimum support price for the milk. Farmers' interest in milk production has grown rapidly, and self-employment opportunities have been created in rural areas. Along with this, promoting Animal Husbandry is also strengthening the rural economy. This scheme has truly proven to be a lifeline for milk-producing farmers. It has also boosted the morale of the farmers.

The AHMIS application (Animal Husbandry Milk Incentive Scheme), developed by the collaborative efforts of the Animal Husbandry Department and the National Informatics Centre Himachal Pradesh (NIC HP), is proved a very useful and handy tool for the management of the Milk Incentive and Milk Transport Subsidy in a transparent, secure, efficient and user-friendly paperless mode with zero manual interventions.

I extend my best wishes for this excellent application developed by the National Informatics Centre, Himachal Pradesh.

Tech Tips

The 3-3-3 Rule of Time Management & Smart Working

The 3-3-3 Rule for working is a productivity method focused on simplicity and deep work, typically involving following three key components in a day:

- Do 3 hours of deep, focused work
- Complete 3 shorter, high-impact important tasks
- Do 3 maintenance or personal tasks or 3 short breaks to stay refreshed and organized, helping to prevent burnout and enhance focus

The 3-3-3 Rule works to prevent overload by limiting daily goals, encourages deep work over busyness, provides clear structure for the day and works well for smart working. It enhances the Focus by dedicating the time for high-value work, Achievability by breaking down overwhelming days into manageable chunks and Balances the work & personal life by integrating important work with necessary breaks.

In addition to this, there's also a popular 3-3-3 Rule for Anxiety Management, focusing on naming 3 things you see, 3 sounds you hear, and moving 3 body parts.

In Focus

- On 04 October 2025, Shri Sukhvinder Singh, Hon'ble Chief Minister of Himachal Pradesh launched AHMIS (Animal Husbandry Milk Incentive and Freight Subsidy) Scheme to the Livestock Farmers and Cooperative Milk Societies at Darlaghat, in District Solan.
- Shri Anirudh Singh, Hon'ble RD Minister, GoHP launched Him-Kavach app on 14 October 2025. Developed by NIC HP, the app is available on both iOS and Android platforms and is a guiding tool to construct disaster-resistant houses in the State.

- To boost the "Inner Purpose & Seva Bhaav" in Government Employees, Rashtriya Karmayogi Jan Seva Program was organized on 27 & 28 October 2025 by NIC HP at Dr. MS HIPA Fairlawns, Shimla for the Officers & Officials of NIC HP and Punjab.

- To promote the usage of Hindi Language in Government working, one-day Hindi Samiti Baithak, Hindi Karyshala and Sangoshthi were organized by NIC Himachal Pradesh on 15 November 2025.

- Shri Jagat Singh Negi, Hon'ble Revenue Minister, GoHP launched the Bhunaksha 5.0, MyDeed, Online Mutation Request Module and Signed Online RoR on 20 & 21 November 2025 during the National Workshop on Adoption of Modern Technologies in Land Administration.

- NIC Himachal Pradesh bagged all the top 3 awards (First, Second and Third) from NARAKAS Shimla under Chitr Kahani Lekhan Pratiyogita for the Financial Year 2024-25.

Tech Update

Agentic RAG (Retrieval-Augmented Generation)

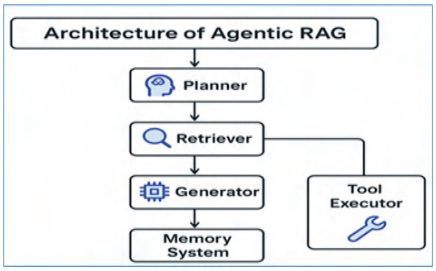
Agentic RAG is an emerging and powerful approach in Artificial Intelligence that combines two major strengths, retrieval-based knowledge and agentic reasoning. Traditional AI models often rely only on the data they were trained on, which can become outdated or incomplete. RAG systems improve this by retrieving relevant, up-to-date information from external databases or documents before generating a response. However, Agentic RAG goes a step further, it doesn't just retrieve information, it can also think, plan, and act like an intelligent digital agent.

In a standard RAG model, the process is quite linear: a user asks a question, the model searches for relevant documents, and then generates an answer using those results. In contrast, an Agentic RAG System adds layers of decision-making and reasoning. It first analyzes the question to understand as what kind of information is needed, plans how to find it, retrieves data using search tools or APIs, verifies its accuracy, and then produces a well-organized and contextual answer. This system can even reflect on its own output and make improvements, just as a human researcher would refine their work.

Agentic RAG Architecture

The architecture of Agentic RAG is designed to give the AI, both knowledge access and autonomous reasoning abilities. It combines multiple intelligent components that work together like parts of a thinking system. The key components are:

- Planner (Agent Brain): The planner is the system's decision-maker. It interprets the user's query, identifies needed information, selects and orders tools, and controls the process by deciding when to stop or seek clarification.
- Retriever (Knowledge Finder): The retriever searches external sources like vector databases, documents, and the web to fetch relevant information using similarity search, ensuring the AI accesses fresh, accurate data beyond its pre-trained knowledge.
- Generator (Language Model): The generator uses retrieved data and the query to produce a coherent, human-like answer through reasoning, summarizing, and clear language.
- Memory System (Long-Term Context Store): The memory module stores past interactions and facts, helping the agent learn, improve performance, and maintain short-term and long-term knowledge.
- Tool Executor (Action Performer): The tool executor performs real actions like API calls or web checks, enabling fact verification, calculations, and dynamic retrieval of live data.



Destination

Sissu Lake

Sissu Lake is a major tourist attraction in the Lahaul Valley of Himachal Pradesh. Instead of natural ancient lake, it is a man-made reservoir. Located near the Sissu village at an elevation of approximately 3,100 meters (10,170 feet), the lake has become easily accessible since the opening of the Atal Tunnel Rohtang, a mere 6 kilometers away from its North Portal.

It has developed as a tourist attraction near the Sissu helipad, fed by glacial melt water and the flow of the Chandra River, which runs alongside the village. The lake acts as a serene mirror, reflecting the towering, snow-capped peaks of the Pir Panjal range that surround the Lahaul Valley. The adjacent Sissu Waterfall, locally known as Palden Lhamo Dhar, is a dramatic natural feature whose source is suspended glaciers in the high mountains.

Historical Significance of the Region

The history of the Sissu area itself is tied to its role as a crucial transit point in the Lahaul Valley.

Ancient Trade Route: For centuries, Sissu was a vital stopover for traders and travellers navigating the ancient Silk Route, which connected India with Central Asia. Its location along the Chandra River made it a strategic and necessary resting place before or after crossing the formidable Rohtang Pass.

Local Culture: The village remained relatively isolated for much of its history due to heavy winter snowfall that closed the high mountain passes. This isolation helped preserve a unique blend of Indo-Tibetan cultures, evident in the local architecture, festivals (like Losar and Halda), and the strong influence of Buddhism. The area is home to important spiritual sites, including the Raja Gyephang temple, dedicated to the regional deity who is considered as the protector of the Lahaul region.

Administration: Historically, the Lahaul Valley was part of the Kullu Sub-Division, later coming under British control in the mid-19th century. The administration was often managed through local Jagirdars or Thakurs, such as those associated with the nearby historic Gondhla Fort.

Best Time to Visit

Sissu Lake can be visited any time of the year. May to October offers pleasant weather with lush green landscapes while November to February transforms it into a snow paradise with frozen landscapes.

Access

By Air
The nearest airport to the Sissu Lake is Kullu-Manali Airport located approximately 88 kilometers away at Bhuntar in District Kullu. From there, one can reach the Sissu Lake by road, either by hiring a taxi or using public transport.

By Train
The nearest broad-gauge Railway Stations are Kiratpur and Chandigarh, located at 231 kilometers and 310 kilometers away respectively. The nearest narrow-gauge Railway Station is Joginder Nagar, located at about 200 kilometers away.

By Road
Sissu lake is about 40 kilometers away from Manali towards Leh on NH-03 and is well connected by roads from all the major cities.

Family Connect

After rendering the valuable services for over two and half decades in NIC Himachal Pradesh, Shri Brijendra Kumar Dogra, Scientist-E and Shri Anurag Gupta, Scientist-E got transferred to NIC Haryana and NIC Punjab respectively. NIC HP wishes a great future to both the officers.

Shri Chander Shekhar (Scientific Officer/Engineer-SB) and Shri Sukaksh Sidhpuri (Scientific Officer/Engineer-SB), after getting appointed as Scientist-B at NIC have been relieved from NIC Himachal Pradesh. Both the officers have rendered valuable services and NIC Himachal Pradesh wishes a bright future to them.

Shri Pankaj has joined NIC Himachal Pradesh as Steno Grade-III. NIC Himachal Pradesh wishes a bright future to Shri Pankaj.

After rendering about 2 years of excellent services in NIC Himachal Pradesh, Shri Himanshu Gupta, Steno Grade-III got transferred to NIC Madhya Pradesh. NIC HP wishes a very bright future to Shri Himanshu Gupta.

Smt. Pooja Mann (Scientific/Technical Assistant-B) & Shri Yogesh were blessed with a baby girl, Gianna on 03 October 2025. NIC Himachal Pradesh extends warm wishes to the little angel for a happy and blessed life ahead.

NIC Himachal Pradesh wishes happy, healthy and prosperous New Year – 2026

Arise, awake and stop not till the goal is reached - Swami Vivekananda

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