Integrated Financial Management System
Treasuries, Accounts and Lotteries
Department of Finance, Himachal Pradesh

SNA-SPARSH

SNA SPARSH

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SNA SPARSH
Real-time System for Integrated Quick Transfer of Funds

▲ What's N

📢 04/02/
Welcome

Fund Transfer

| SNA-Sparsh Transactions | Registered Agency 904 | No of Bills (DDO) 2684 | Treasury Tokens 2658 | Tokens Objected 126 | Tokens Pending 102 | Total Vouchers 2430 | Total Paid Amount 5624871526 | No of Beneficiary 19798 |

New Project

Government service reforms are typically associated with citizen-facing Departments. However, the Finance Department of Himachal Pradesh has proved that such reforms are equally crucial in Departments with limited direct citizen interaction. A key step in this transformation is the adoption of the Just-In-Time (JIT) release of Centrally Sponsored Schemes (CSS) Funds using digital platforms like PFMS, e-Kuber (RBI) and State IFMIS (Integrated Financial Management Information System).

To achieve this ambitious goal, NIC Himachal Pradesh has developed the SNA-SPARSH application (Real-time System for Integrated Quick Transfer of Funds – Technology Enabled Service Delivery in the Finance Department), which facilitates seamless Fund Management and ensures efficient implementation of the JIT system. The JIT system ensures that funds are transferred only when required, reducing idle balances in Bank Accounts. Traditionally, large sums of Government Funds remained parked in multiple accounts, leading to inefficient cash management. With JIT, the Reserve Bank of India (RBI) directly transfers funds to beneficiaries, ensuring timely disbursement and eliminating unnecessary delays. This system enables Just-In-Time release of both the Central and State shares, based on payment files received from State Implementing Nodal Agencies (SNAs) through State IT Systems. RBI acts as the sole Banking Channel, streamlining the flow of CSS Funds across the States in collaboration with PFMS and State IFMIS. The SNA-SPARSH application integrates these platforms, ensuring smooth fund transfers and real-time tracking.

This new approach leads to better public money utilization by preventing Government Funds from sitting idle and any unutilized funds at the end of the Financial Year will automatically be returned to the Government. It also improves cash management by reducing the need for unnecessary Government borrowing. Furthermore, transparency is enhanced, as digital tracking ensures that funds reach the intended beneficiaries without leakages. Moreover, the transition does not require any changes to existing Government accounting procedures, easing implementation for States.

By leveraging technology and digital infrastructure, the Just-In-Time system, powered by SNA-SPARSH, makes Government Funds disbursement more efficient, accountable and transparent. It also ensures that public funds are used effectively, benefiting those who need them the most.

Guest Speak

Sh. Deepak Bhardwaj, Additional Director
Treasuries, Accounts & Lotteries, Finance Department, Himachal Pradesh

Over the last twenty-five years, financial management in the State has been facilitated significantly by various IT Initiatives undertaken by NIC. These initiatives endeavour to enhance the capacity of the Government to deliver better services with improved efficiency.

Developed with the dedicated and painstaking efforts of NIC Himachal's team of scientists, the SNA-SPARSH application is the latest addition which has transformed the financial management of funds for the Centrally Sponsored Schemes (CSS) of various Ministries. By integrating PFMS, e-Kuber (RBI), and State IFMIS, it enables Just-In-Time (JIT) release of funds, ensuring timely transfers, reduced idle balances and enhanced transparency.

This system streamlines the preparation of Expenditure Bills by the State Nodal Agencies (SNAs), optimizes resource utilization and improves cash management. With better fiscal control and account-ability, SNA-SPARSH is enhancing the efficiency of disbursement and utilization of CSS funds. It enables all the stakeholders to function more cohesively, efficiently and effectively as scarce human and material resources are being utilised optimally.

I would like to express my sincere appreciation for the outstanding software application developed by National Informatics Centre, Himachal Pradesh and look forward to continued collaboration for future.

Tech Tip
Essential Computer Tips

☛ Keep your Operating System and Software Applications up-to-date.

☛ Back up your important data regularly using external drives or secure Cloud Services.

☛ Regularly scan your computer for viruses and malwares with reputable antivirus software.

☛ Create a logical folder structure and use descriptive file names to make it easier to find and manage your files.

☛ Close unused Programs and Tabs as running too many applications or browser tabs can slow down your computer.

☛ Encrypt highly sensitive files before storing them on your computer or in the cloud. Tools like VeraCrypt or built-in encryption tools (e.g. BitLocker for Windows and FileVault for macOS) can be used.

☛ Be mindful of the information you share online. Adjust your privacy settings and limit your Personal Information on Social Media Platforms.

In Focus

☛ Hon'ble Chief Minister Himachal Pradesh, Shri Sukhvinder Singh presented the Budget Estimates for the Financial Year 2025-26 on 17-March-2025 using NeVA (National e-Vidhan Application).

☛ SNA-SPARSH - a Real-time System for Integrated Quick Transfer of Funds has been implemented in the Department of Finance, GoHP.

☛ PUC 2.0 (Pollution Under Control) and eDetection Application for automatically identifying the defaulter vehicles have been implemented in the State for the Transport Department.

- Sh. Raj Nath Singh, Hon'ble Defence Minister virtually participated from KVK Sundernagar in the 19th PM Kisan Samman Nidhi Instalment release event held on 24-February-2025 at Bhagalpur Bihar under the Chairmanship of Hon'ble Prime Minister, Sh. Narendra Modi.

- To promote safe and responsible use of the Internet, workshops on Safer Internet Day under the theme "Together for a better Internet" has been organised on 11-February-2025 by NIC HP at State HQ and Districts. Employees, Students and Representatives of PRIs/ULBs took active participation in the workshops.

- During the National Road Safety Month (January, 2025), one day Workshop on iRAD/eDAR Project has been organized on 18-January-2025 at HIPA by the State Transport Department and NIC for all the stakeholder Departments & Agencies involved in the Road Safety.
- Hon'ble Prime Minister Shri Narendra Modi virtually distributed the SVAMITVA Scheme Property Cards on 18-January-2025 to 1106 Owners of District Hamirpur.

Destination
Kamru Nag

Kamru Nag is a beautiful hilly destination surrounded by thick forests, located in Kamarah village of Kasor Valley in District Mandi, Himachal Pradesh. An ancient temple dedicated to the Nag deity is situated on the banks of Kamru Nag Lake, which lies at an altitude of 10,938 feet above sea level. The lake offers breathtaking views of the surrounding Dhauladhar mountain range and Balh Valley. Kamru Nag is also known as the "Lord of Rain".

According to tradition, devotees make offerings to the deity upon the fulfillment of their wishes usually in the form of coins and gold or silver ornaments. These offerings are not deposited in banks but are instead immersed in the sacred lake. The lake holds deep religious and spiritual significance, and this tradition has continued since centuries. An annual fair, known as the Kamrunag Jatar, is held on June 14, attracting pilgrims who seek blessings for favourable weather and prosperity. Dev Kamru Nag's original name was Ratan Yaksha. He was the grandson of Bhima and son of Ghatotkacha. A self-taught warrior, he practiced in front of an idol of Lord Vishnu, whom he considered his Guru.

Reaching Kamru Nag requires a trek, typically starting from the small village Rohanda. The 6 kilometre trail passes through dense forests of fir, spruce and oak trees, and usually takes about 3 to 4 hours to complete. The trek is moderately challenging, making it suitable for both novice and experienced trekkers.

The ideal time to visit Kamru Nag is between April and September, when the weather is pleasant and trekking conditions are favourable. The lake remains frozen during winter, making access difficult during those months.

ACCESS

By Air Nearest Airport from Rohanda is Bhuntar in District Kullu, HP situated at a distance of about 104 kilometers. Alternatively, Shaheed Bhagat Singh International Airport Chandigarh is situated at about 177 kilometers away and from there one can reach the Rohanda village by road, either by taxi or using public transport.

By Train Nearest Rail Link from Rohanda is a narrow-gauge link at Joginder Nagar situated at a distance of about 101 kilometers.

By Road Kamru Nag Lake is accessible from Rohanda, situated at about 35 kilometers away from Sundernagar (by road) from where 6 kilometers trek starts. Sundernagar is well connected by roads from all the major cities.

Tech Updates

Generative AI

Generative AI is a branch of Artificial Intelligence that leverages generative models to create text, images, videos, and other forms of data. These models analyse patterns and structures in the training data and generate new content based on the input. The earliest example of Generative AI was ELIZA, an early chatbot developed in 1961 by Joseph Weizenbaum. ELIZA functioned as a text-based conversational program, responding to human input using natural language.
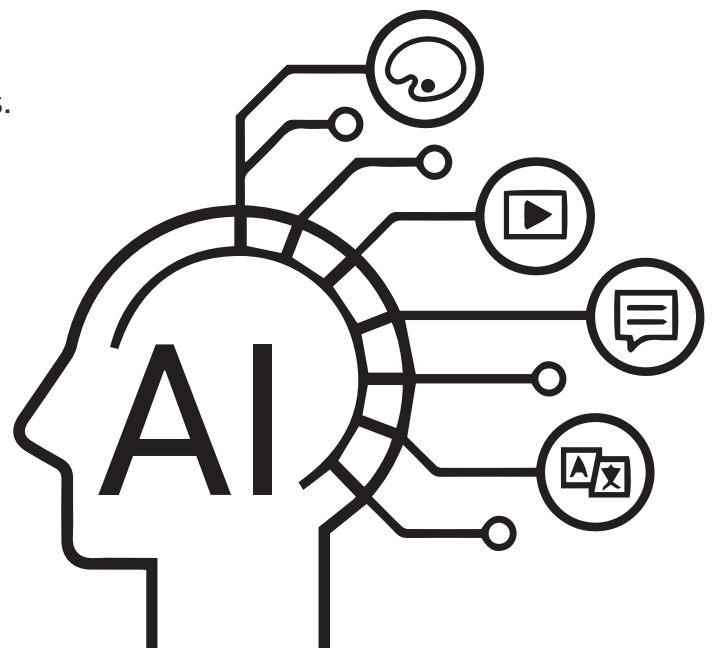
Categories of Generative AI Tools

➤ **Text-to-Speech (TTS)** These tools convert text into spoken words. Notable examples include Eleven Labs' Eleven Multilingual v2 and Meta AI's Seamless M4T.

➤ **Text-to-Image (TTI)** These tools create original images, including 2D and 3D visuals, or modify existing ones. Examples include MidJourney, DALL-E, Stable Diffusion, and Jasper Art.

➤ **Other Categories**

- o Text-to-Video (TTV) – Generates videos from text descriptions.
- o Speech-to-Text (STT) – Converts spoken language into written text.
- o Text-to-Audio (TTA) – Produces sound effects or music from text.
- o Image-to-Text (ITT) – Extracts textual information from images.
- o Image-to-Image (ITI) – Modifies or enhances existing images.
- o Image-to-Video (ITV) – Transforms images into animated sequences.
- o Video-to-Video (VTV) – Enhances or alters video content.

Use Cases of Generative AI

- o Enhancing customer service through AI-powered chatbots.
- o Improving dubbing for movies and educational videos.
- o Assisting with content creation, including emails, resumes and essays.
- o Enhancing product demonstration videos.
- o Aiding in architectural and product design.
- o Optimizing semiconductor chip designs.
- o Composing music in various styles and tones.

Risks and Concerns

- o **Ethical Issues** AI-generated content may introduce unintended biases and ethical dilemmas.
- o **Misinformation** The technology can contribute to the spread of fake content.
- o **Bias Reinforcement** AI models may amplify existing biases in training data.
- o **Security Threats** Potential vulnerabilities can be exploited, posing risks to data and systems.

Family Connect

After rendering valuable services for over 29 years, Sh. Vijay Kumar retired on 31-March-2025 as District Informatics Officer-cum-Scientist-E from NIC Himachal Pradesh on superannuation from Government Service.

NIC Himachal Pradesh wishes a very happy, healthy and enjoyable retired life to Sh. Vijay Kumar.

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If you can't excel with talent, triumph with effort.

Dave Weinbaum

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