

Spotlight

ROHTANG PERMITS

6,73,125
Permits Issued
37.03 CR
Amount Collected

SPL ROHTANG PERMITS

40,102
Permits Issued
2.20 CR.
Amount Collected

BEYOND ROHTANG

2,10,349
Permits Issued
1.05 CR.
Amount Collected

MANALI ENTRY

23,947
Permits Issued
0.51 CR.
Amount Collected

HAMTA PASS

46,914
Permits Issued
0.81 CR.
Amount Collected

Rohtang Pass, situated at an elevation of 3,978 meters, is a renowned mountain pass in Himachal Pradesh, India, connecting the lush Kullu Valley with the arid Lahaul and Spiti Valleys. Due to its ecological sensitivity and the heavy tourist influx, the National Green Tribunal (NGT) has imposed restrictions on vehicular movement to mitigate environmental degradation. As a result, online permit system developed by National Informatics Centre, Himachal Pradesh for Tourism Development Council Manali is in place to regulate the traffic and preserve the fragile ecosystem.

Types of Permits

Rohtang Pass Permit This permit is required for visitors traveling from Manali to Rohtang Pass for tourism activities only. It is valid for a single day (to & fro) and is subject to daily quotas of 800 Petrol Vehicles and 400 Diesel Vehicles.

Special Rohtang Pass Permit This permit is issued to the private vehicles (non-commercial) registered outside the District Kullu of Himachal Pradesh and is issued once per year. It allows travelling to Rohtang Pass only and is also valid for a single day. The daily quota is limited to 100 vehicles (60 Petrol and 40 Diesel).

In addition, tourists can also apply for the Hamta Pass permit and Manali Entry (Green Tax) using the same application.

How to Apply

Online Application Visit the official website <https://rohtangpermits.nic.in> to apply for the permit. You can select the type of permit, fill in the required details, and make the payment online. Permits can be applied for next six days from the current date.

Mobile Application The 'Rohtang Permit' mobile app is available on the Google Play and Apple App Stores. It allows users to check the availability of the permits on daily basis and to validate and download already issued permits.

Required Documents

- Valid ID Proof (e.g., Aadhar Card, Driving License)
- Valid Pollution Under Control (PUC) Certificate
- Registration Certificate of the Vehicle (Vehicle should not be more than 10 years old)

For a pleasant experience, it is advisable to apply for the permit online in advance, especially during peak tourist seasons.



National e-Governance Gold Award

Guest Speak – DC Kullu

Ms. Torul S. Raveesh, IAS

Deputy Commissioner Kullu, Himachal Pradesh

Over the past ten years, Rohtang Pass Permits System in Himachal Pradesh has delivered very satisfying services to the tourists as well as to the Tourism Development Council Manali. The system provides permits to the tourists to visit Rohtang Pass and Hamta Pass etc. on payment basis. Officials can monitor the check-in and check-out process online by using web interface as well as by the associated mobile apps. This system has ruled out the possibilities of the fake permits. The system streamlines the preparation of lists of the visitors on any selected day and provides a transparent mechanism to all the stakeholders.

Developed with the dedicated and painstaking efforts of the team of scientists of NIC Himachal Pradesh, the system has been awarded on various platforms including the National Award for e-Governance, 2017-18 by the Government of India. The initiative endeavours to enhance the capacity of the Government of Himachal Pradesh to deliver better services with transparency and improved efficiency.

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 the future.



Tech Tips

- Ensure secure disposal of data before recycling your storage devices.
- Whitelist only those devices that can connect to your Wi-Fi Router.
- Ensure to change the default credentials of your Wi-Fi Router.
- Check the validity of the Certificate and its Issuer before proceeding with downloads.
- Ensure to scan with a reliable anti-virus software before executing any program on your PC.
- Never connect or use any unknown USB Devices/Pen Drives.

In Focus

- On 05 June 2025, Hon'ble Chief Minister Himachal Pradesh, Shri Sukhvinder Singh launched the Single Use Polythene (SUP) software and eChallanHP Mobile App developed by NIC HP for the Department of Environment, Science, Technology & Climate Change to enable the authorities to challan the people or institutions making use of Banned Single Use Polythene items. The violators can pay the fine on the spot using payment gateways.



- To familiarize with the importance and benefits of the UI/UX, a workshop on User Experience for Government Applications (UX4G) has been organized by NIC HP on 17 and 18 June, 2025 at Shimla in association with National e-Governance Division (NeGD). Officers of NIC HP, Treasuries and other Departments of GoHP attended the workshop.



- NIC Himachal Pradesh organised 11th International Yoga Day on 21 June 2025. Various Yoga activities including Asanas, Meditation etc. were organised and all the officers/officials took active participation in the event.



Destination

Chanshal Pass

Chanshal Pass, also known as Chanshal Valley, is a picturesque destination in Himachal Pradesh, located approximately 160 kilometers from Shimla. Situated near the border of Himachal Pradesh and Uttarakhand, the pass sits close to Chanshal Peak, the highest point in District Shimla, standing at an elevation of 4,520 meters.

This scenic route connects Rohru to the remote Dodra Kwar Valley via Chirgaon, Larot. Traveling through the pass is not just a journey, but an unforgettable experience. The stunning, panoramic views of the Chanshal Valley offers a deep sense of tranquility and connection with the nature.



Chanshal Pass is also a popular destination for trekkers and adventure enthusiasts. Many famous treks including Chanshal Lake, Saru Lake and Rupin Pass can be visited from the Chanshal Pass, where you are rewarded with panoramic views of the surrounding mountain ranges and valleys. Suitable for both beginners and seasoned trekkers, the Chanshal Pass trek is especially captivating during winter, when snow-covered landscapes transform the region into a magical winter wonderland, making it one of the best winter treks in Himachal Pradesh.

Best Time to Visit

The ideal time to visit Chanshal Pass is from late June to early September, and during the October. The road to Chanshal Pass remains open for vehicular traffic only from May to November, after which it is closed due to heavy snowfall. During the winter months, the region transforms into a breathtaking snowy wonderland, with temperatures often falling below -10°C.

Access

By Air The nearest airport to Chanshal Pass is Shimla Airport (Jubbarhatti), located at about 174 kilometers away, though it has limited connectivity. A more accessible airport is about 276 kilometers away at Chandigarh, which is better connected to all the major cities across India.

By Train The nearest narrow-gauge Railway Station is Shimla, known as the Kalka-Shimla Railway, a UNESCO World Heritage Site, situated at about 160 kilometers away. The nearest broad-gauge Railway Station is about 239 kilometers away at Kalka.

By Road Chanshal Pass is about 160 kilometers away from Shimla. From Shimla, one can reach Chanshal by road via Rohru and Larot, either by taxi or using public transport.

Tech Update

Microservices: A Modern Approach to Software Development

Microservices is an architectural style that structures an application as a collection of small, autonomous services modeled around a business domain. This approach contrasts with traditional Monolithic architecture, where all components are interconnected and managed as a single unit.

Each Microservice in a system is responsible for a specific function and communicates with other services through well-defined APIs, usually over HTTP or Messaging Queues. This design enables teams to develop, deploy, and scale services independently, leading to greater agility and resilience.

One of the main benefits of Microservices is scalability. Since each service can be deployed independently, it allows organizations to scale only the components that need more resources, improving efficiency and reducing costs. Additionally, this architecture promotes the use of different programming languages and databases best suited for each service's specific needs.

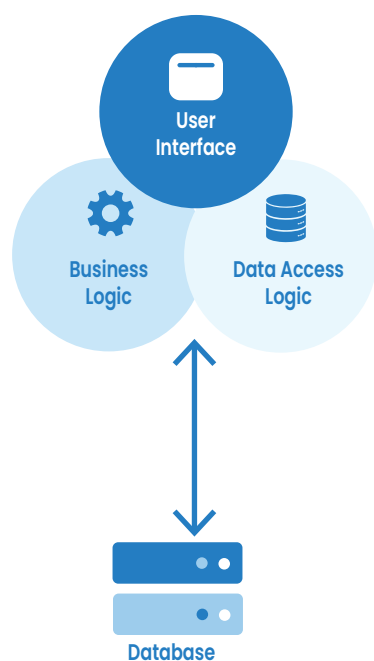
Microservices also enhance fault isolation. If one service fails, it doesn't necessarily bring down the entire system. This isolation improves the overall robustness and availability of the application. Moreover, Microservices align well with DevOps and Continuous Integration/Continuous Deployment (CI/CD) practices, enabling faster development cycles and more frequent releases.

Microservices approach also come with some challenges. Managing multiple services increases operational complexity, require sophisticated monitoring, logging, and automated testing. Network latency and data consistency are also concerns due to the distributed nature of the system.

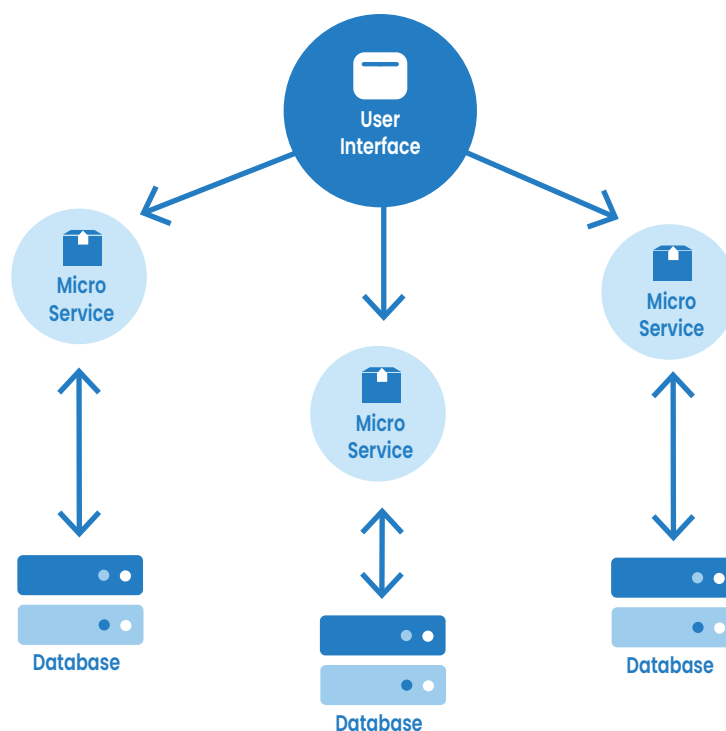
Despite these challenges, Microservices have become the preferred architecture for large-scale applications and digital transformation efforts. Companies like Netflix, Amazon and Uber leverage Microservices to build highly scalable and flexible systems.

In conclusion, Microservices offer a powerful way to build modern applications by promoting modularity, scalability, and faster innovation. While they require careful planning and infrastructure, the benefits often outweigh the drawbacks for the organizations aiming for agility and resilience in a fast-evolving digital landscape.

Monolithic Architecture



Microservices Architecture



Family Connect

Sh. Prashant Kumar, Sh. Chetan Saini, Sh. Chander Shekhar and Sh. Sukaksh Sidhpuri joined their new jobs as Scientific Officer/Engineer-SB in NIC Himachal Pradesh. NIC Himachal Pradesh wishes a bright future to all the officers.

Smt. Vandana Sankhayan (Scientist – C) and Sh. Swetansh Shatak (Scientific/Technical Assistant-B), got transferred to NIC UT Chandigarh after rendering valuable services in NIC Himachal Pradesh. NIC Himachal Pradesh wishes Smt. Vandana Sankhayan and Sh. Swetansh Shatak a glorious future.



Shri Shukaksh Sidhpuri Shri Prashant Kumar Shri Chetan Saini Shri Chander Shekhar



After rendering their valuable services in NIC Himachal Pradesh, Shri Vimal Kumar Sharma (Scientist – F) and Shri Sanjeev Kumar (Scientist – C) retired from Government Service on superannuation on 30 April 2025. NIC Himachal Pradesh wishes Sh. Vimal Kumar Sharma and Sh. Sanjeev Kumar a happy, healthy and joyful retired life.



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We are responsible for the effort,
not the outcome
Bhagwat Geeta

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