



Department of Geography
LBS Govt. College Saraswati Nagar
Distt. Shimla HP

Annual Activities

Session 2024-25

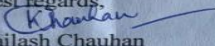
World Ozone Day

Notice

This is the information for the students of the college that Department of Geography and Yuva Tourism Club of LBS Government College Saraswati Nagar going to organize a **screening of a special documentary, poster making and slogan writing on the World Ozone Day on September 16th, 2024** in the department of geography. This informative session will dive deep into the causes, impacts, and solutions related to the depletion of the ozone layer and its effects on our environment. Thereafter an **Environmental Awareness Rally** also organizes by the same from college to Sawra bazaar and back.

Join us to learn more about the importance of the ozone layer and what we can do to protect it. Let's work together to spread awareness and foster a sustainable future.

We look forward to your participation!

Best regards,

Kailash Chauhan
Assistant Professor
Department of Geography
& In charge Yuva Tourism Club
LBS Govt. College Saraswati Nagar


Principal
LBS Govt. College Saraswati Nagar

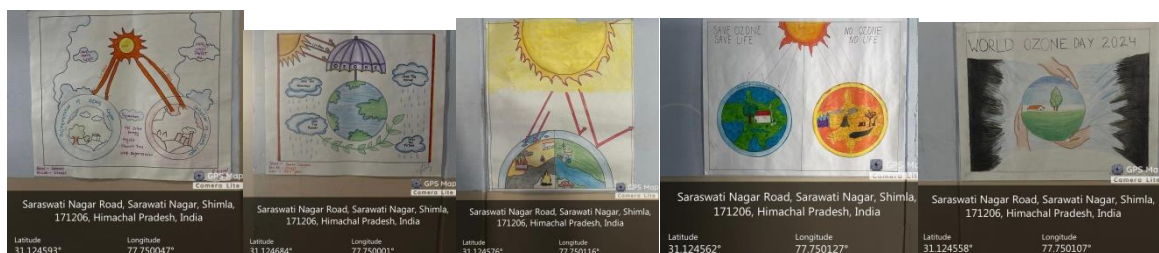
On the occasion of **World Ozone Day (September 16th 2024)**, the Department of Geography and the Yuva Tourism Club of LBS Govt. College Saraswati Nagar organized a series of activities to raise awareness among the students and public about the importance of protecting the ozone layer. The celebrations included a documentary screening on bad consequences of the uses of ozone depletion



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substances (ODS) in the department Lab., followed by an environmental rally, which included poster making and slogan writing.

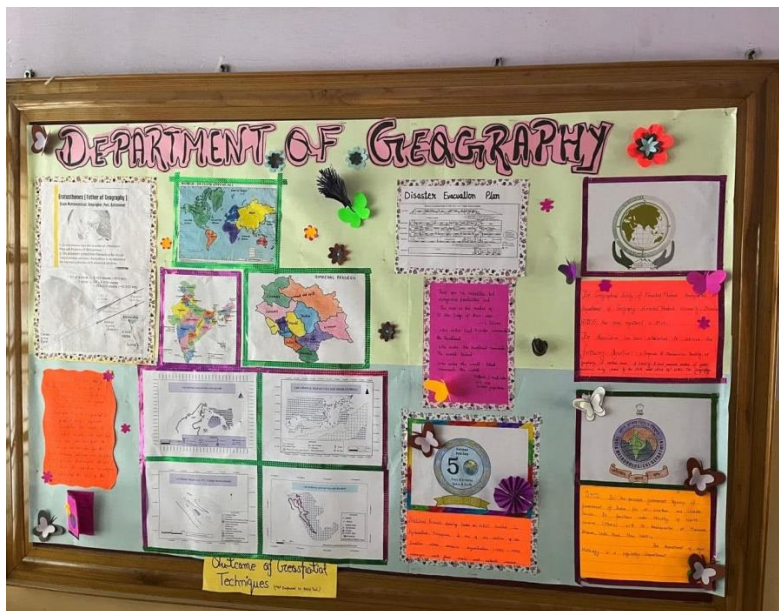
- 1. Documentary Screening:** The event began with the screening of an educational documentary that highlighted the significance of the ozone layer in protecting the Earth from harmful ultraviolet (UV) radiation. The film provided insights into the current state of the ozone layer depletion through uses of ozone depletion substances (ODS), the threats posed by human activities, and the steps being taken globally to mitigate ozone depletion.
- 2. Environmental Rally:** Following the documentary, an environmental rally was organized from college campus to Saraswati Nagar (Sawra) market and back to college. Participants, including students and faculty, holding slogans and posters with messages promoting environmental conservation and ozone layer protection. The rally aimed to engage the community and encourage collective responsibility toward maintaining a healthy atmosphere and stop uses of ozone depletion substances (ODS).
- 3. Poster Making and Slogan Writing:** As part of the event, participants created informative posters and wrote impactful slogans related to ozone layer conservation. These creative expressions were displayed throughout the campus and market area, acting as a reminder of the collective effort needed to preserve the ozone layer for future generations.





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Institutional Development Programme (IDP)

The Department of Geography organized a one-week (7th October-12th October, 2024) activity board to engage students of the department in academic excellence, skill development, and collaborative engagement within the institution under the Institute Development Programme (IDP). The IDP is designed to foster an event aimed at enhancing the learning environment and promoting active student participation in the department's activities. Students highlight the subject matter, role and responsibility of the applied wide geography arena, such as IMD, IIRS, NRSC, ISRO etc.





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Outcome of an IIRS (ISRO) Outreach Nodal center

Two students (MR. PAWAN AND MR. RAHUL BA 2ND YEAR) from the department of Geography, LBS Government College, Saraswati Nagar have successfully passed and completed the online certificate course on the “**Overview of Geographic Information System (GIS)**” course offered by the **Indian Institute of Remote Sensing (IIRS) Dehradun, ISRO, Department of Space, Government of India** under its outreach program. This remarkable achievement highlights the college’s commitment to fostering learning in advanced technologies and geospatial sciences.

Program Details

The course, conducted by IIRS (a unit of the Indian Space Research Organization), from **14th October 2024 to 01 November 2024 from concerned IIRS Nodal Center: - LBS Govt. College Saraswati Nagar**, aimed to provide participants with a comprehensive understanding of the principles, applications, and techniques of GIS. Delivered via an online mode, the program covered key topics such as:

- Introduction to GIS concepts and components.
- Application of GIS in natural resource management, urban planning, and disaster management.
- Use of GIS software and geospatial data handling techniques.
- Emerging trends in GIS technology and its integration with other systems like remote sensing.

Student Achievement

The two students who completed the course demonstrated exceptional dedication by actively participating in all sessions and successfully passing the final examination. The certification from IIRS reflects their competence and enthusiasm for advanced geospatial studies.

This achievement not only adds value to their academic portfolio but also equips them with valuable skills applicable in various domains such as environmental studies, geography, planning, and data analysis.



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Significance for the College


The participation and success of students in such national-level programs reinforce the college's reputation as a centre for academic excellence. It also inspires other students to pursue similar opportunities, broadening their horizons and enhancing their employability in emerging technology-driven fields.




Saraswati Nagar Road, Sarawati Nagar, Shimla, 171206, Himachal Pradesh, India		Saraswati Nagar Road, Sarawati Nagar, Shimla, 171206, Himachal Pradesh, India	
Latitude 31.124527°	Longitude 77.750069°	Latitude 31.124476°	Longitude 77.750152°
Local 02:25:31 PM GMT 08:55:31 AM	Altitude 1432.5 meters Wednesday, 12/11/2024	Local 02:24:37 PM GMT 08:54:37 AM	Altitude 1412.5 meters Wednesday, 12/11/2024
Note: Geography students achievement		Note: Geography students achievement	



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 भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



संस्थान की सहभागिता का प्रमाण पत्र
CERTIFICATE OF PARTICIPATION OF INSTITUTE

संस्थान का पता: पॉस्तर रोड/ कित्तूर कार्यालय प्रभाग पत्र
OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME

COR202415018033


यह प्रमाणित किया जाता है कि एलबीएस सरकार, कॉलेज सरस्वती नगर ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम **भौगोलिक सूचना प्रणाली का अवलोकन** में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 2024-10-14 से 2024-11-01 तक किया गया।


This is to certify that **LBS Govt. College Saraswati Nagar**, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on **Overview of Geographical Information System**. This online programme was conducted during October 14, 2024 to November 01, 2024

दिनांक/ Date: 02-12-2024
देहरादून/ Dehradun

प्रमुख,
विशेष सॉल्यूटिंस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

 भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING
भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION
अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA



ऑनलाइन दूरस्थ अधिगम कार्यक्रम
ONLINE DISTANCE LEARNING PROGRAMME

COR202415018033

समन्वय का प्रमाणपत्र
CERTIFICATE OF COORDINATION

यह प्रमाणित किया जाता है कि एलबीएस सरकार, कॉलेज सरस्वती नगर कार्यरत **श्री कैलाश चौहान**, ने **भौगोलिक सूचना प्रणाली का अवलोकन** विषय पर इस संस्थान द्वारा दिनांक 2024-10-14 से 2024-11-01 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।

This is to certify that **MR. KAILASH CHAUHAN**, working with **LBS Govt. College Saraswati Nagar**, has coordinated the online training course on **Overview of Geographical Information System** conducted by this institute during October 14, 2024 to November 01, 2024

दिनांक/ Date: 02-12-2024
देहरादून/ Dehradun

प्रमुख,
विशेष सॉल्यूटिंस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग
Head, Geoweb Services, IT & Distance Learning Department, IIRS

समूह प्रमुख,
भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह
Group Head, Geospatial Technologies & Outreach Programme Group, IIRS

Institution and coordinator recognition certificate from IIRS (ISRO) Dehradun



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Educational Tour

An educational tour was organized by the Departments of Geography, Commerce, and Hindi LBS Govt College Saraswati Nagar (Sawra) to provide students with a hands-on learning experience of various geographical, cultural, and commercial aspects of Himachal Pradesh. The tour took place over a span of 4 days from 13-11-2024 to 16-11-2024 which includes thirty six (36) students and four (4) faculty members, covering significant places like Manali, Sisu, Atal Tunnel, Hadimba Mata Temple, Manikaran, and Kasol. The primary objective of the tour was to broaden the students' understanding of geography, commerce, and the rich cultural heritage of the region.

Tour Details

Day 1: Departure from College to Manali

The tour began with the departure of 36 students and 4 faculty members from the college premises early in the morning. The journey was a combination of scenic drives, where students had the opportunity to observe the changing geography and landscape of different location in different places. During the journey, the Geography students were briefed on the terrain, climate zones, and the development of the region.



Day 2: Exploring Manali & Sisu

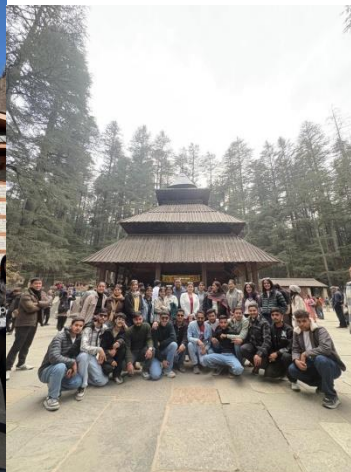
- **Manali:** The group arrived in Manali in the late afternoon. Known for its lush landscapes and vibrant tourist activities, Manali gave students a perfect opportunity to study the region's topography and its growing tourism-based commerce. Students visited local markets and interacted with local vendors, analyzing the economic structure and commerce in the region.
- **Sisu & Atal Tunnel:** The next stop was Sisu, a small town located near the Atal Tunnel also known as gateway to Lahual sub-division and Leh-Ladhak.
- The **Atal Tunnel**, a modern marvel, was explored as it is one of the highest vehicular tunnels in the world, and students gained a practical understanding of infrastructure, geography, and



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its impact on tourism and trade in the region after the construction of tunnel and also understand the strategic advantages of the Atal Tunnel.

- **Hadimba Mata Temple:** Located in Manali, this historic temple dedicated to Hadimba Devi is surrounded by deodar forests. Geography students learned about the environmental significance of the area, including the conservation of deodar trees, which are crucial to the ecosystem of the region.



Explored Manali , Atal Tunnel and its adjoining areas by the students of LBS Govt. College Saraswati Nagar



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STUDENTS AT SISU AND ATAL TUNNEL ROHTANG PASS

Day 3: Visit to Vashisht Kund Temple and Manikaran

- **Vashisht Kund:** Vashisht was named after Rishi Vashisht. It is situated 3 km from the town of Manali. The temple is dedicated to Sage Vashisht one of the ancient architectural temple and have a natural hot spring which is in the form of Kund for bathing purpose.
- **Manikaran:** The group then traveled to **Manikaran**, Manikaran is a small town located in the Parvati Valley of Kullu district it is known for its hot springs which are believed to have medicinal properties and also has an experimental geothermal power plant with capacity of 5 MW. Students visited the Gurudwara and the temples while learning about the interplay of culture, religion, and tourism in the area.



Vashisht Temple and Vashisht Kund



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CONSENT LETTER

I, Anu Parents of Rashmi here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Anu Dogra
Sign of parents
Mobile No. 9816934005

CONSENT LETTER

I, Dr. Lokesh Parents of Mayank here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Dr. Lokesh
Sign of parents
Mobile No. 9882193750

CONSENT LETTER

I, Purnima Parents of Lokesh here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Purnima
Sign of parents
Mobile No. 9816154554

CONSENT LETTER

I, Reena Parents of Mahesh here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Reena
Sign of parents
Mobile No. 8834330146

CONSENT LETTER

I, Dinesh Parents of Taran here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Dinesh
Sign of parents
Mobile No. 9816132897

CONSENT LETTER

I, Mukul Parents of Mishra here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Mukul
Sign of parents
Mobile No.

CONSENT LETTER

I, Kautilya Parents of Rajveer here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Kautilya
Sign of parents
Mobile No. 988114159

CONSENT LETTER

I, Bajjal Parents of Ganesh here give my consent to my ward to attend an 'Educational Tour' to Kullu-Manali which is organised by LBS Govt College Saraswati Nagar from 13/11/2024 to 16/11/2024. I understand and agree that still in case of any unnatural happening or if my ward does any indiscipline activity I'll take whole responsibility of my ward.

Bajjal
Sign of parents
Mobile No. 9805451940

Consent letter of Geography students who are the part of Educational Tour at Kullu-Manali



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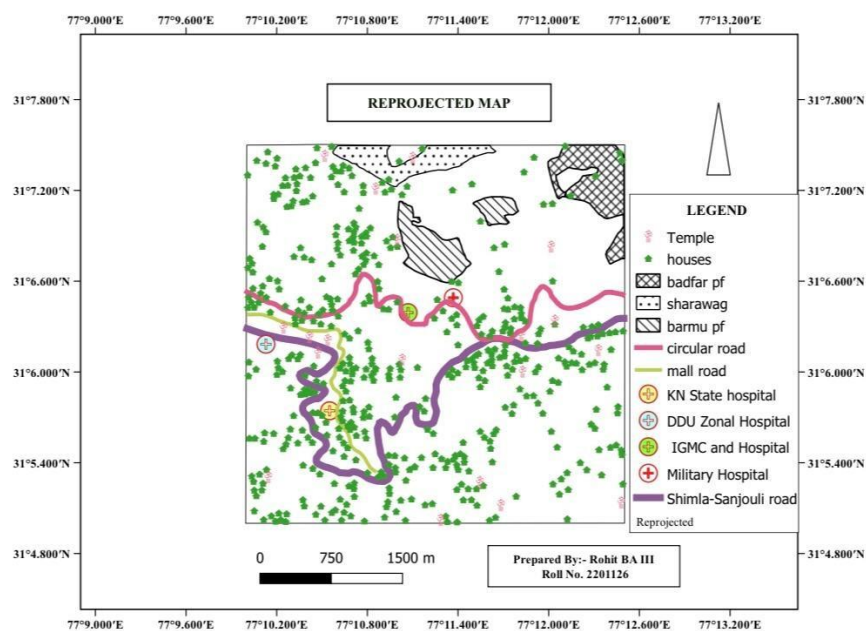
Hand-on Training on QGIS software

A hands-on training for BA 3rd year geography student on QGIS (Quantum Geographic Information System) was conducted for students to provide practical knowledge of geospatial data management, analysis, and visualization. The training aimed to enhance students' understanding of GIS concepts and their applications in various fields such as environmental management, urban planning, and research.

The training session was conducted for the GIS student, with both theoretical and practical components. Student was guided through step-by-step exercises using sample datasets. Topics covered during the training included:

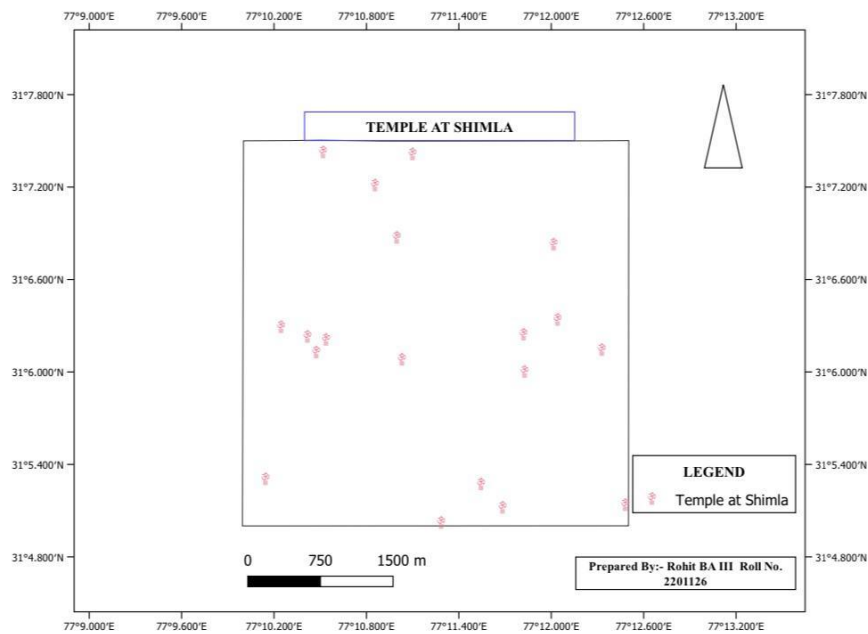
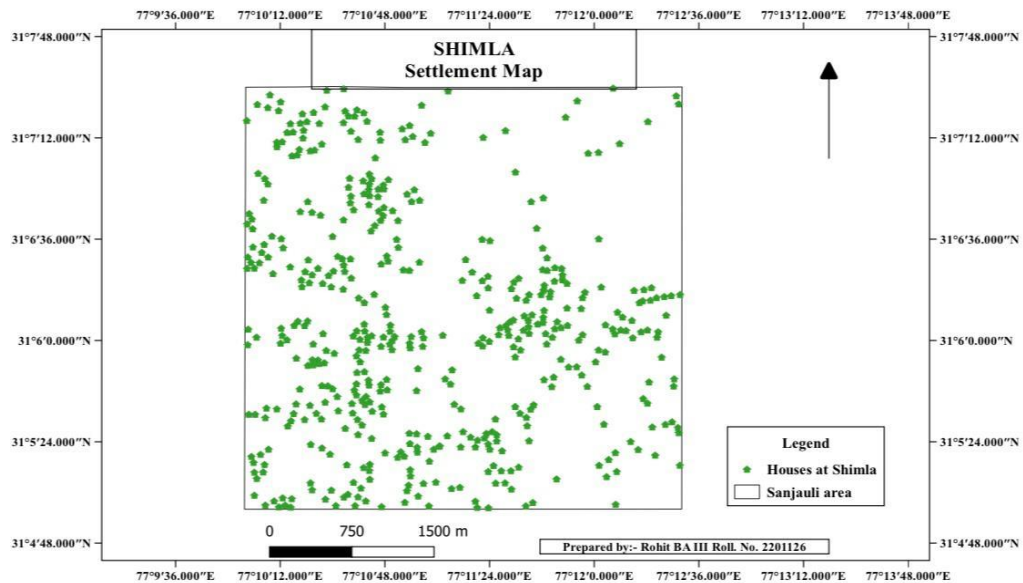
1. Introduction to GIS and QGIS software.
2. Data import and visualization.
3. Georeferencing raster images.
4. Vector data creation and editing.
5. Spatial analysis and querying.
6. Map composition and export.

By the end of the training, student acquired practical skills in using QGIS for geospatial data management and analysis. They demonstrated the ability to **create maps**, conduct spatial analysis, and present results effectively. The training equipped them with valuable technical skills applicable in academic and professional settings.





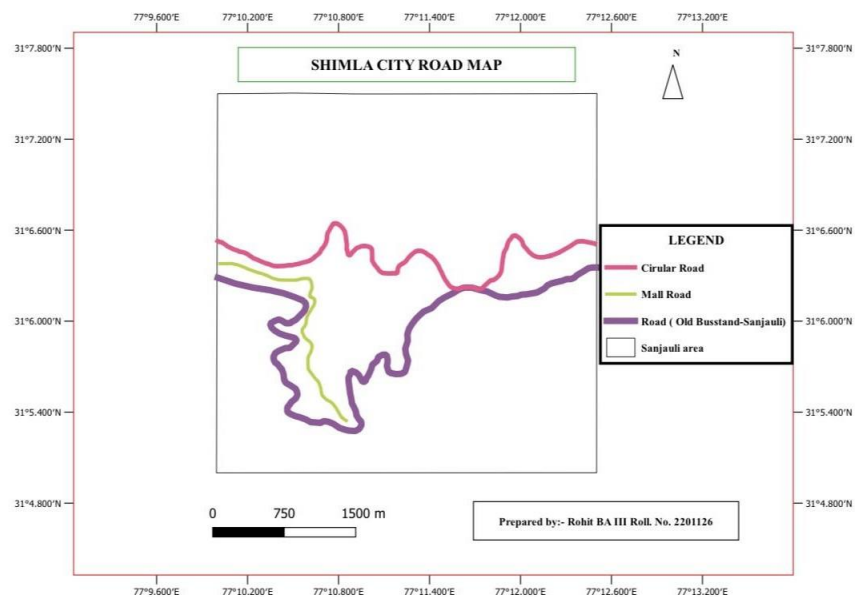
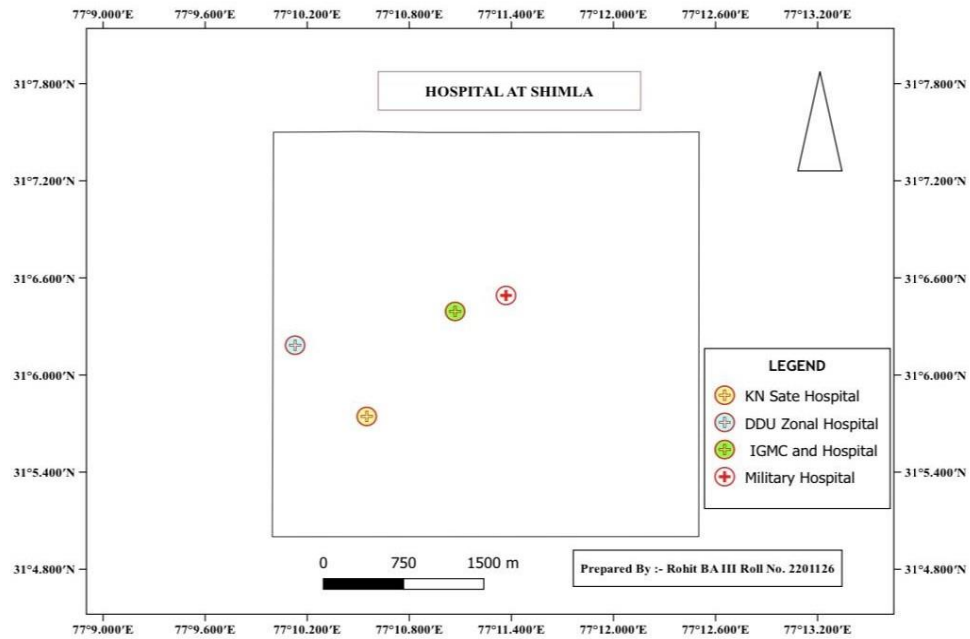
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Practical Exercises based on different theme of Land use/ Land cover prepared by BA 3rd year student in QGIS Tool (Landuse/Land cover of Shimla urban region)



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Practical Exercises based on different theme of Land use/ Land cover prepared by BA 3rd year student in QGIS Tool
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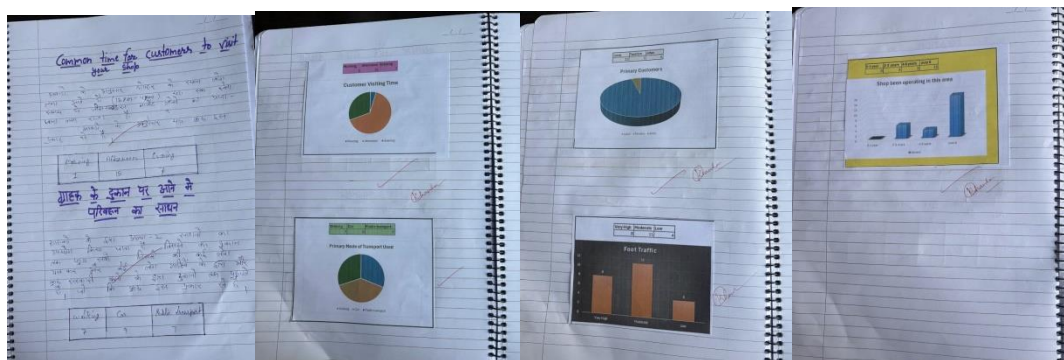
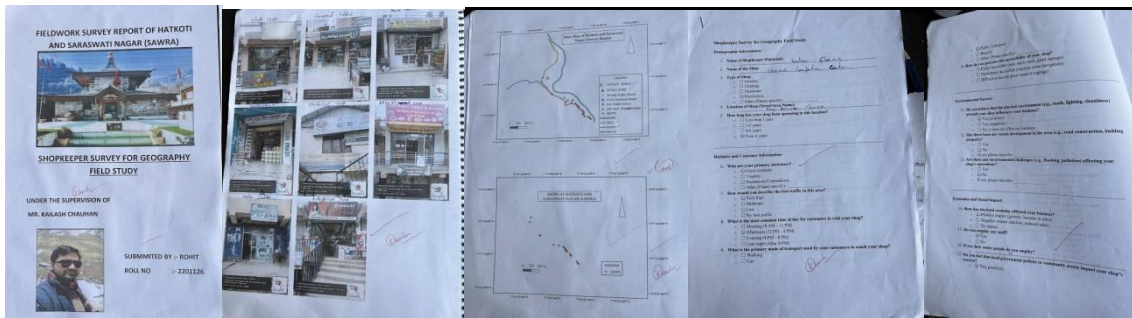
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Report on Survey-Based Field Work: Market Analysis at Hatkoti and Saraswati Nagar

A Field work and survey-based project report required a field survey or local survey which was conducted in the Hatkoti and Saraswati Nagar regions for BA 3rd year Geography student to analyse the local market structure, consumer information, environmental factors that affect the market, economic and social impact on market and shopkeeper's perception and future. The objective was to understand the key market trends, types of goods traded, pricing patterns, and the role of local businesses in the regional economy.

The fieldwork involved direct interaction with shopkeepers, vendors, and consumers through structured questionnaires and interviews. Data was collected on primary consumers information, mode of transportation used by consumer to reach market, common time of day for consumers to visit shops, physical environmental influences business such as pollution etc., factor affect product demand, supply chain dynamics, seasonal variations in trade, and customer preferences. The study also examined the influence of tourism and agriculture on the market.

At the end of different stages report writing was finished by the student with in time (below are some pictures of report attached).





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Seminar and PPT Presentation for UG Geography Students

A seminar and PowerPoint presentation (PPT) session was organized for undergraduate Geography students in the month of 2nd and 3rd week of March 2025 and the event aimed to enhance students' deep understanding of topics which was covered throughout the session and provide them with insights into the latest developments in the field.

The session began with a keynote address of Asstt. Professor Kailash Chauhan/ Assistant Professor Geography by, who highlighted the importance of contemporary geographical studies. Following this, a series of PowerPoint presentations were delivered by students of BA 1st, BA 2nd and BA 3rd Year Geography, covering various aspects of **Physical Geography, Human Geography, Environmental Geography, Regional Planning, Remote Sensing, Disaster Management, Geography of India and World etc.** with detailed case studies, maps, and statistical data.

The interactive nature of the seminar allowed students to actively participate by asking questions and engaging in discussions. The session concluded with feedback from attendees, who appreciated the initiative for its informative content and engaging presentation style.



Kailash Chauhan
Assistant Professor Geography
LBS Govt. College Saraswati Nagar

Principal
LBS Govt. College Saraswati Nagar