




# NATIONAL WORKSHOP ON APPLICATION OF GEOSPATIAL TOOLS AND TECHNIQUES

 **DATE**  
10th - 13th June 2024

 **TIME**  
10.00 AM - 05.00 PM

 **VENUE**  
MAIN CAMPUS BUILDING  
SIKKIM ALPINE UNIVERSITY  
KAMRANG, NAMCHI  
SIKKIM

Enhance your skill set and credibility, showing your commitment to professional development and staying abreast of emerging trends, boosting your career prospects and opportunities for advancement.

**SIKKIM  
ALPINE  
UNIVERSITY**

**ORGANISED BY :  
DEPARTMENT OF GEOGRAPHY  
IN COLLABORATION WITH  
IQAC, SIKKIM ALPINE UNIVERSITY  
KAMRANG NAMCHI,  
SIKKIM**

**WORKSHOP  
DETAILS**

**WORKSHOP  
OBJECTIVES**  
PROVIDING HANDS ON EXPERIENCE AND  
INSIGHT INTO THE LATEST GEO-SPATIAL  
TOOLS, TECHNOLOGIES, AND THEIR  
APPLICATION.

**TOOLS**  
BASIC GEOGRAPHICAL INSTRUMENTS  
TOTAL STATION  
HAND HELD GPS & DGPS  
DRONE TECHNOLOGY  
GIS AND REMOTE SENSING

#### TECHNICAL SCHEDULE

- DAY 1 : Inauguration of the workshop/ Introduction to basic of Remote Sensing GIS and its application.
- DAY 2 : Instrumentation / Field Observation / Data Collection.
- DAY 3 : (Morning Session - Field Data Analysis and Processing)  
(Afternoon Session- Basics of Drone Technology)
- DAY 4 : (Morning - Drone Technology (Field Observation-Data Analysis)  
(Afternoon- Image Processing Techniques)

#### EXPECTED OUTCOMES :

- Better Understanding and Enhanced Proficiency in using Geo spatial tools
- Practical insights and its application in Master Dissertation, PhD and Research Projects
- Date and Time : 10th - 13th JUNE 2024 (10.00 A.M - 05.00 P.M)
- Duration : 4 days
- Venue : Sikkim Alpine University, Main Campus (Offline Mode)
- Target Audience : Faculties, Research Scholars, NGOs, P.G Students from Geography and allied discipline



 **Sikkim Alpine  
University**

Contact Us :

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## ABOUT UNIVERSITY

Established in 2021, Sikkim Alpine University is strongly committed towards excellence in research and innovative practices in higher education. Located at Kamrang, Namchi (South Sikkim) Sikkim invites students from all strata of society across the globe. The university is enlisted with the UGC under section 2(f) of UGC Act, 1956 and also is the member of Association of Indian Universities.



## ABOUT DEPARTMENT

- Department of Geography, Sikkim Alpine University, since 2021 is strongly dedicated for the overall development of students and making them ready to face the real world challenges.
- Department of Geography provides a wide range of course such as Physical Geography (e.g. Climatology, Geomorphology, Disaster Management, Pedology), Human Geography (e.g. Cultural Geography, Political Geography, Economic Geography, Gender Space and Society) Regional Geography of Eastern Himalayas, GIS and Spatial Analysis, Cartography and many more.
- The Department is typically staffed by a diverse group of faculty members with expertise in Physical Geography, Human Geography, GIS or other Sub-fields and often conducts research and teach course related to their areas of expertise. Currently 6 Research Scholars and 70+ students are enrolled. The Department have specialised Laboratory facilities to support research and teaching activities Well equipped GIS lab with Computer Softwares for spatial analysis, Environmental Monitoring Stations, Cartography Lab for Map-making and Daily weather record station etc.
- Department also provides free mentorship programs and UGC NET classes to the students.
- Focusing on applied rather than just confined within four walls of classroom, Department provides students with comprehensive understanding of the subject along with field experiences.



REGISTRATION FEES

- FOR P.G STUDENTS = Rs 1000/-
- RESEARCH SCHOLAR = RS 1200/-
- FACULTIES = RS 1400/-

- SEAT CAPACITY : 30 (ONLY)
- PARTICIPANTS ARE REQUESTED TO CARRY OWN LAPTOPS

- PARTICIPANTS NEED TO ARRANGE THEIR ACCOMODATIONS.
- FOR ANY ACCOMODATION RELATED QUERIES/HELP KINDLY CONTACT: +919339240620

SELECTION PROCESS OF CANDIDATES :

1. FIRST PHASE - REGISTRATION THROUGH GOOGLE FORM
2. SECOND PHASE - SCREENING OF THE CANDIDATES ON GROUNDS OF INFORMATION PROVIDED.
3. CONFIRMATION MAIL TO THE SELECTED CANDIDATES WITHIN 30th May 2024.
4. TIME PERIOD FOR CANDIDATES CONFIRMATION.
5. PAYMENT OF FEES

- FOR FIRST PHASE REGISTRATION CLICK HERE :

<https://forms.gle/YdjfzkVNGtXmC6UK6>



Prof . Vimal Khawas

Special Centre for the study of  
North East India  
Jawaharlal Nehru University  
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Dr. Uttam Lal

Assistant Professor  
Dept. Of Geography  
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Dr. Dilli Ram Dahal

Assistant Professor  
Dept. Of Geography  
Sikkim Govt. College  
Namchi, Sikkim



Dr. Lakpa Tamang

Assistant Professor  
Dept. Of Geography  
University of Calcutta



Mr. Ayan Ghosh

I.T Personnel (GIS Engineer)  
Special Investigation  
Department.  
PH and Eng. Dept.  
( Govt of WestBengal)



Mr. Baichung Lepcha

Project Associate and GIS  
Expert,  
Dept. Of Science and  
Technology



Ms. Kalzen Dolma Tamang

Scientist B. Remote Sensing  
and Climate Change Division  
Govt. Of Sikkim



Ms. Priya Pradhan

GIS Expert  
Department of Science and Technology  
Govt. Of Sikkim

# SIKKIM ALPINE UNIVERSITY



## CHIEF PATRON

**Dr . Ashish Chaturvedi**

(Honb'le Vice Chancellor, Sikkim Alpine University)

## PATRON

**Dr .Vijay Kumar Gulati (Registrar I/C)**

(Sikkim Alpine University)

## CONVENOR

**Dr. Manorama Thapa (Head, Incharge)**

**Assistant Professor, Department of Geography**

(Sikkim Alpine University)

## ADVISOR

**Dr . Pribat Rai**

**Asst. Director (Academics)**

(Sikkim Alpine University)

## ADMINISTRATIVE OFFICER

**Mr. Pankaj Kumar Choudhary**

(Sikkim Alpine University)

## ORGANISING MEMBERS

**Dr. Nirjala Rai , Dept . of Geography**

**Mr. Dawa Sherpa, Dept . of Geography**

**Mr. Bivek Subba, Dept . of Geography**

**Mr. Gaurav Sharma, Dept . of Geography**