



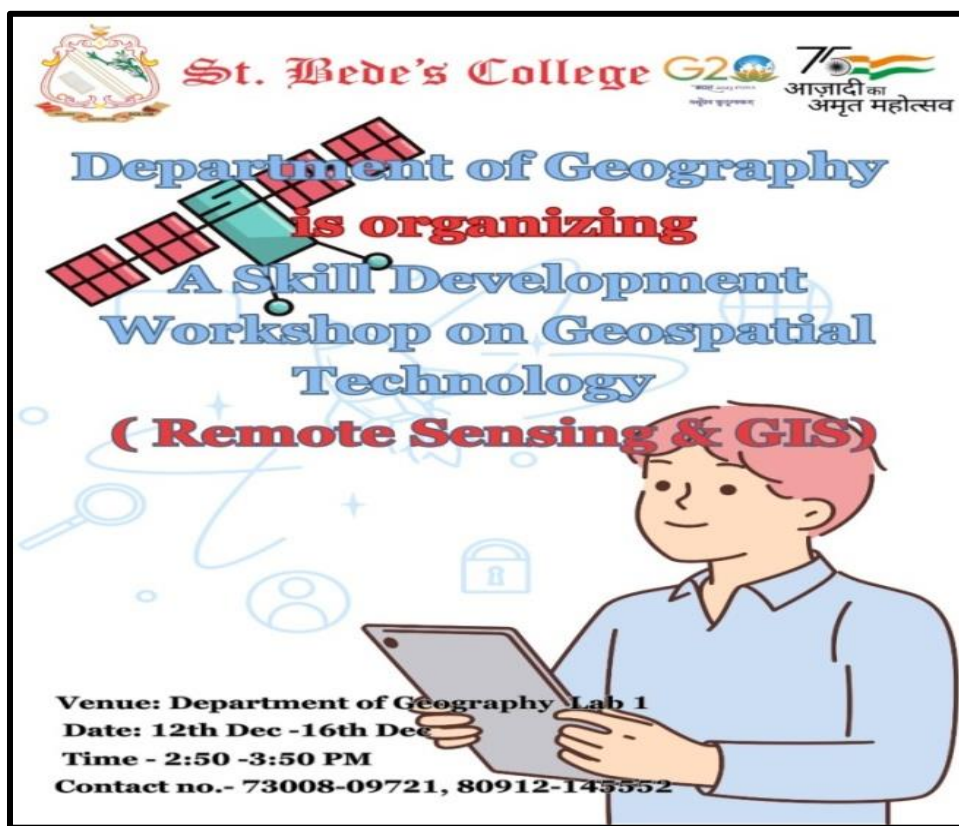
SUPPORTING DOCUMENTS

3.2.2

**NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH
METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND
ENTREPRENEURSHIP DURING THE YEAR**

A SKILL DEVELOPMENT WORKSHOP ON GEOSPATIAL TECHNOLOGY

The Department of Geography at St. Bede's College conducted a skill development workshop on Geospatial Technology from December 12 to 16, 2023. The primary objective of the workshop was to enhance students' knowledge and skills in geospatial technology by providing them with practical insights and hands-on experience. The workshop focused on training participants in using key geospatial tools such as Geographic Information Systems (GIS), Remote Sensing (RS), Global Positioning Systems (GPS), and various spatial analysis software. Through interactive sessions and practical exercises, students were equipped with the skills to collect, analyze, and interpret spatial data effectively. The workshop aimed to build proficiency in these technologies, which are essential for mapping, environmental monitoring, urban planning, and other applications of spatial data analysis. The hands-on training offered participants the opportunity to develop valuable expertise in this rapidly evolving field.



Brochure

Day-1 December 12, 2023

The workshop started off with the overview of geospatial technology and their importances in modern applications were also taught to the students. After the introduction of geospatial technology, lecture on basics about the G.I.S and Remote sensing was given to the student.

Following the theoretical class, practical session started where the live demo was given to the students on how to do "filtering" on satellite images. The students were also educated about the

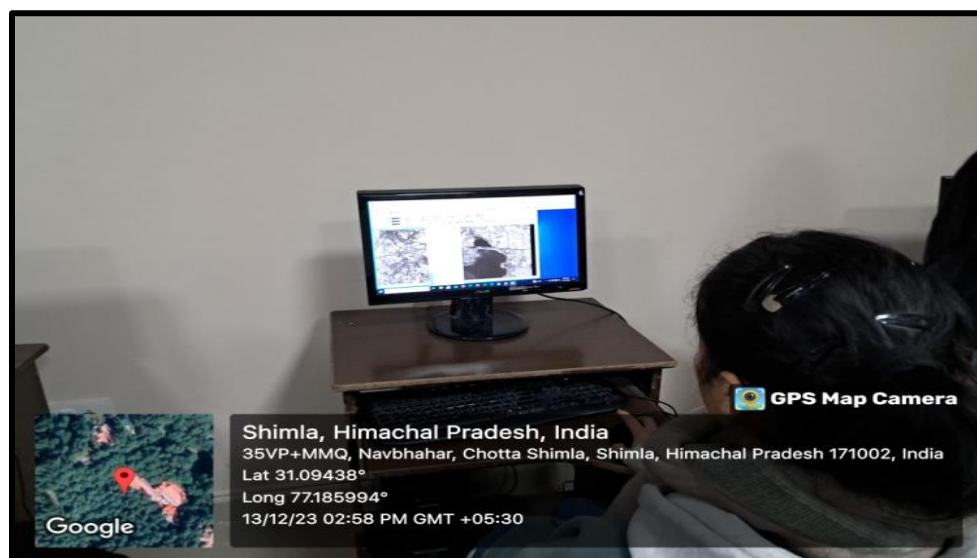
needs and importance of filtering on satellite images. Afterwards students were given the opportunity to perform the practical by themselves on the software provided by the college.



Workshop on Geospatial Technology (December 12 to 16, 2023)

Day- 2 December 13, 2023

The workshop commenced with the theoretical class on “*contrast enhancement*” where the different methods of contrast enhancement were taught to the students. After the lecture practical class was resumed.



Workshop on Geospatial Technology (December 12 to 16, 2023)

Day-3 December 14, 2023

Workshop began with discourse on “Subsetting” where its basic mechanisms were taught to the students, after which the students performed the practical on the same.



Workshop on Geospatial Technology (December 12 to 16, 2023)

Day -4 December15, 2023

“Image Registration and Image to Image Registration” was the topic for the day. Students were introduced to the topic and afterwards the practical was performed by the students.



Workshop on Geospatial Technology (December 12 to 16, 2023)

DAY-5 December 16, 2023

The final topic covered in the workshop was “Supervised and Unsupervised Classification of Satellite Images”. A detailed explanation was given on the topic and the practical was performed by all students.

The workshop on Geospatial Technology proved to be a comprehensive and enlightening experience for the students, offering a deep dive into the intricacies of this rapidly evolving field. Over the course of the event, students were exposed to a range of topics, fostering a holistic understanding of geospatial technology and its relevance in diverse industries.

Outcome: The outcome of this workshop is improved proficiency in using geospatial technologies such as Geographic Information Systems (GIS), Remote Sensing (RS), and Global Positioning Systems (GPS). Students gain hands-on experience on ERDASS and ARC GIS software’s in collecting, processing, analysing, and visualizing spatial data and satellite data, helped enhance their technical expertise and problem-solving abilities.



Workshop on Geospatial Technology (December 12 to 16, 2023)



St. Bede's College Shimla-171002
(UGC-NAAC "A+" Grade Re-Accredited)
College with Potential for Excellence
Phone: 0177-2842304, Fax: 0177-2842498
www.sbedescollege.in,
E-mail: bedescollege@gmail.com

DEPARTMENT OF GEOGRAPHY
ST. BEDE'S COLLEGE SHIMLA

A SKILL DEVELOPMENT WORKSHOP ON GEOSPATIAL TECHNOLOGY

Attendance sheet

Sr. No.	Name	12/12/2023	13/12/2023	14/12/2023	15/12/2023	16/12/2023
1	Aditi Singh Deora	absent	absent	absent	absent	absent
2	Devangi Sharma	absent	absent	absent	absent	absent
3	Devyanshi Chauhan	absent	absent	absent	absent	absent
4	Garima Shekhawat	garima	garima	garima	garima	garima
5	Ishika Verma	Ishika	Ishika	Ishika	Ishika	Ishika
6	Kamna Verma	Kamna	Kamna	Kamna	Kamna	Kamna
7	Kamakshi Sharma	Kamakshi	Kamakshi	Kamakshi	Kamakshi	Kamakshi
8	Muskan Negi	Muskan	Muskan	Muskan	Muskan	Muskan
9	Parul Mehta	Parul	Parul	Parul	Parul	Parul
10	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya
11	Seejal Rawat	Seejal	Seejal	Seejal	Seejal	Seejal
12	Yukti Shandil	Yukti	Yukti	Yukti	Yukti	Yukti
13	Abhiramy Biju	Abhiramy	Abhiramy	Abhiramy	Abhiramy	Abhiramy
14	Aditi Bhandari	Aditi	Aditi	Aditi	Aditi	Aditi
15	Ishita Modi	Ishita	Ishita	Ishita	Ishita	Ishita
16	Kajal Rana	Kajal	Kajal	Kajal	Kajal	Kajal
17	Pooja Kumari	Pooja	Pooja	Pooja	Pooja	Pooja
18	Sanjana Verma	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
19	Surabhi Rajpoot	Surabhi	Surabhi	Surabhi	Surabhi	Surabhi
20	Tamanna Sharma	Tamanna	Tamanna	Tamanna	Tamanna	Tamanna
21	Tashika Chauhan	Tashika	Tashika	Tashika	Tashika	Tashika
22	Kritika Shandil	Kritika	Kritika	Kritika	Kritika	Kritika
23	Isha	Isha	Isha	Isha	Isha	Isha
24	Harshita	absent	absent	absent	absent	absent
25	Yashika	Yashika	Yashika	Yashika	Yashika	Yashika

St. Bede's College
Geography Department

Attendance Sheet