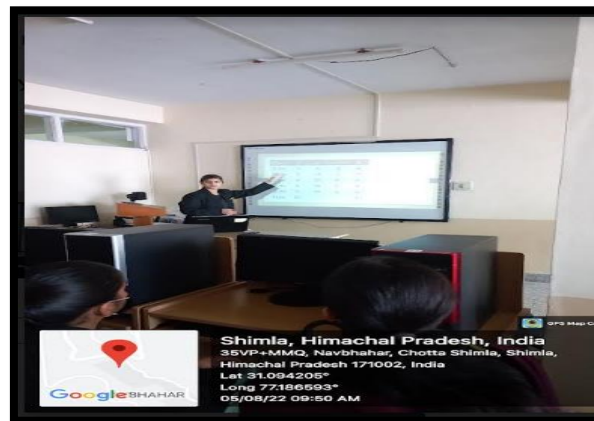




## Session- 2022-2023

### INTERDEPARTMENTAL ACTIVITY

A two-day interdepartmental activity was organized on August 5-6, 2022 in Computer Lab-II at St. Bede's College Shimla. The activity was aimed at creating awareness among the students about the relevance of mathematics and computing and emphasizing the practical applications of mathematical theories through programming. The event involved the participation of students from BCA and BA/BSc programs, with mathematics students explaining the concepts and computer students implementing them using C++ and Python languages. Around 50 students and 5 faculty members attended the activity.



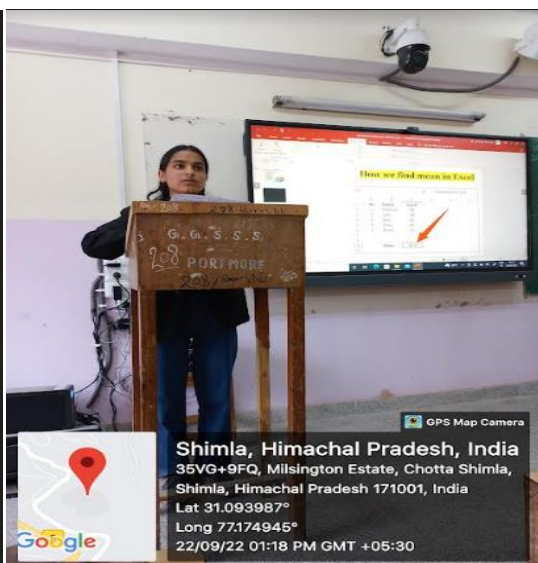
**5<sup>th</sup> August, 2022**



## **TALK ON COMPUTER AWARENESS AT GOVT. SENIOR SECONDARY SCHOOL PORTMORE SHIMLA, HIMACHAL PRADESH**

On September 22nd, 2022, St. Bede's College Shimla organized a talk on computer awareness at Govt. Senior Secondary School Portmore in Shimla, Himachal Pradesh. The event was organized by the Department of Computer Science and Mathematics. Students from BCA and BSc-NM (Computer Science) went to the school to educate around 160 8th-grade girls about the basics of computers, their scope, and importance in mathematics.

During the one-hour session, the students provided basic knowledge about computers, followed by their relation to mathematics. They also demonstrated how one can use basic math in computers, with an example of the mean. The session was highly interactive and ended with a 15-minute quiz session. A student from Portmore gave a summary speech to conclude the event.



## 7-DAY ORIENTATION PROGRAM

The mathematics department of St. Bede's College Shimla organized a 7-day orientation program from 19th to 26th September 2022, called "Real world applications on table of numbers or data". Students from BSc. (non-medical), BA, BCom, and BCA participated in the program. The main objective of the program was to teach students about basic concepts of matrices, its applications in day-to-day life, and working methods of matrices to boost their confidence. This orientation program was a great experience for both teachers and students as they got the opportunity to learn and teach simultaneously.

The session started with an introduction by the HOD of the Mathematics department, who explained the importance of matrices and its applications in real life by giving examples. He also highlighted the significance of matrices in other fields. After that, Aastha Raizada and



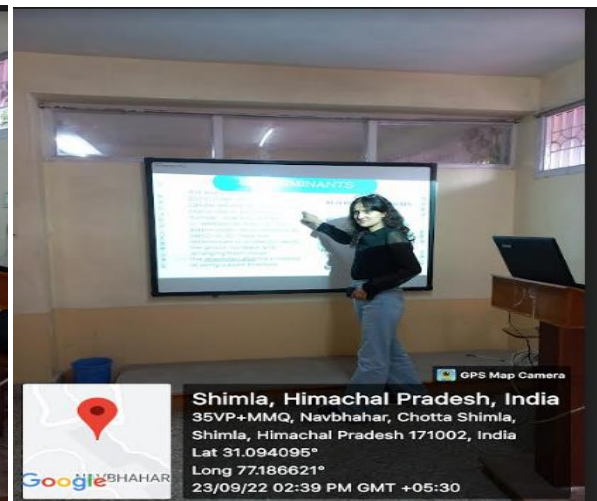
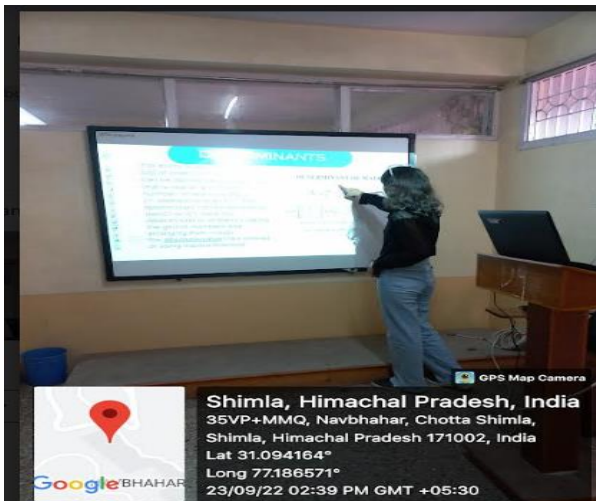
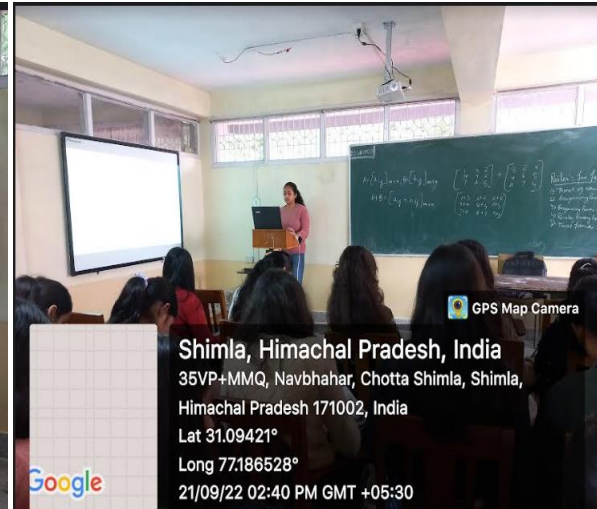
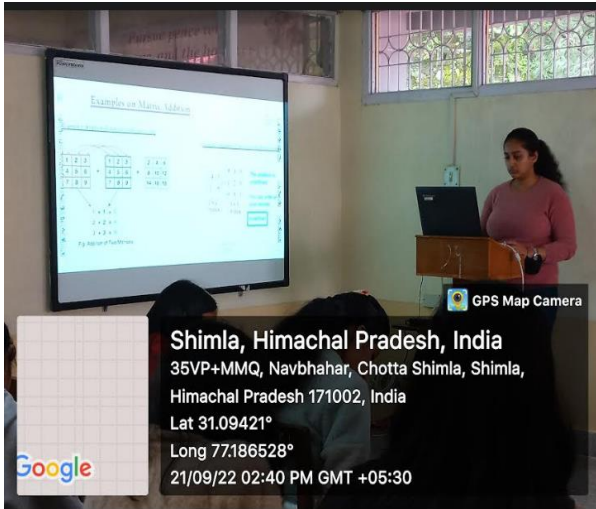
*Department of Mathematics  
St. Bede's College, Shimla*

Nivedita Thakur, students of B.A. and B.Sc. 3rd year (Mathematics), respectively continued with the program.





*Department of Mathematics*  
*St. Bede's College, Shimla*

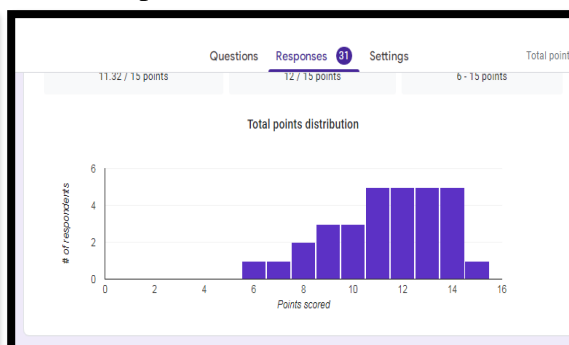




## QUIZ ON TRANSPORTATION AND GAME THEORY

On November 10th, 2022, the Mathematics department of St. Bede's College Shimla hosted a Quiz on transportation and game theory. The competition was open to students majoring in Mathematics and Management, and a total of 31 female students participated. The quiz allowed the students to assess their knowledge and motivated them to study harder. Additionally, it helped them to manage their study time better by focusing on areas that required more practice. The overall performance of the participants was impressive, and they took note of the questions they answered incorrectly to improve their understanding.

sejalchauhans19@gmail.com	12	Nov 10 12:31 PM
harshasharma225@gmail.com	13	Nov 10 12:36 PM
sameerabatra756@gmail.com	8	Nov 10 12:38 PM
simranbansal5347@gmail.com	6	Nov 10 12:41 PM
parul14052003@gmail.com	11	Nov 10 12:54 PM
aashirathaur02@gmail.com	11	Nov 10 12:54 PM
navu0109@gmail.com	14	Nov 10 12:56 PM
rajni28kapoor2002@gmail.com	13	Nov 10 12:57 PM
manishathakur39954@gmail.com	13	Nov 10 12:57 PM



## NATIONAL CONFERENCE TITLED "NOVEL PROGRESSION IN SCIENCE AND TECHNOLOGY-2022"

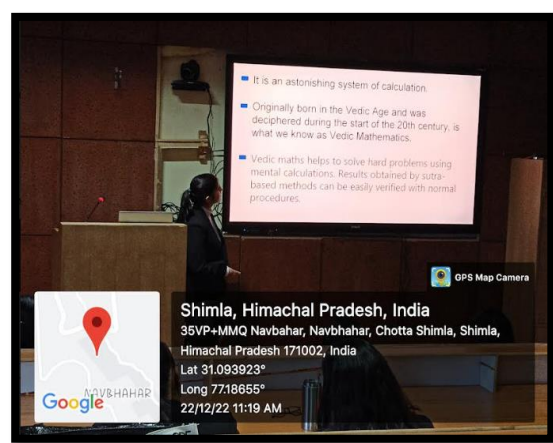
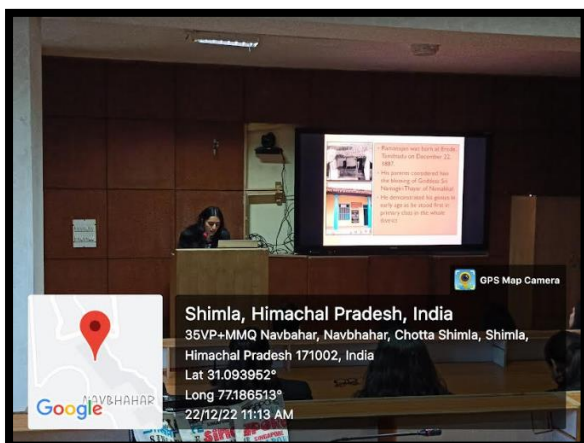
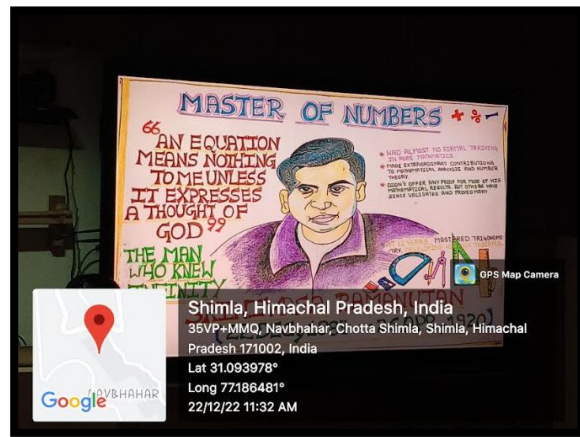
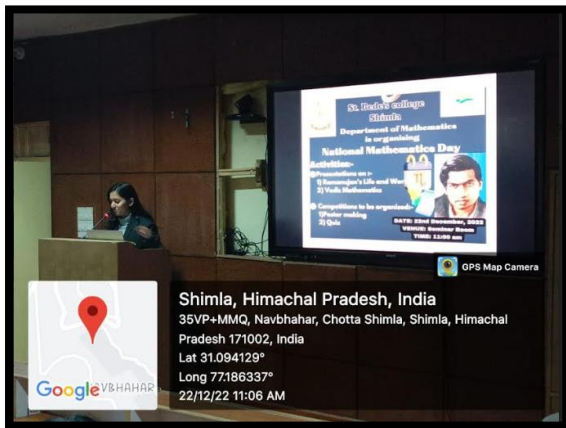
On 28th and 29th November 2022, the Science departments of St. Bede's College organized a two-day National Conference titled "Novel Progression in Science and Technology-2022". The event featured invited talks by eminent speakers on various topics related to science, as well as oral and paper presentations by researchers from different parts of the country.





## NATIONAL MATHEMATICS DAY

On December 22nd, 2022, St. Bede's College celebrated National Mathematics Day in honor of Indian Mathematician Srinivasa Ramanujan's birth anniversary. The seminar room was filled with various activities and competitions, including presentations on Ramanujan and Vedic Maths. The poster-making competition saw Mansi and Pooja Maju taking the first prize and Ibee Isaac in second place. Additionally, a quiz competition was held with three teams: Ramanujan, Hardy, and Littlewood. The winners were the members of Team Ramanujan, Manya, Tanya, and Rupanshi. The students were highly involved and appreciated the informative event. Finally, the celebration ended with a vote of thanks.





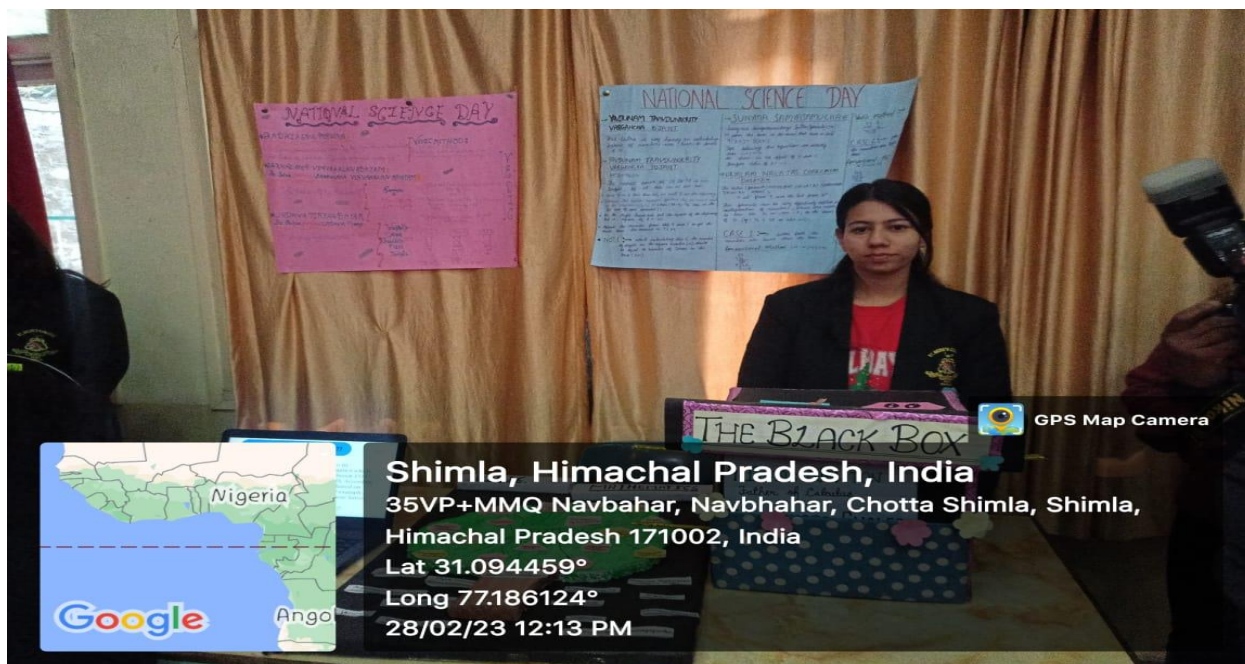
*Department of Mathematics*  
*St. Bede's College, Shimla*

## NATIONAL SCIENCE DAY

On 28th February to 1st March 2023, St. Bede's College celebrated National Science Day on the theme "Discoveries in Science and Sustainable Development". The event took place in the college's auditorium and featured various speakers who shared their expertise through presentations and demonstrations. The program was attended by students from different colleges, and many activities and competitions were organized. One of the highlights was a quiz, which saw teams from different colleges participating. Students from different science streams also presented models and exhibitions, including some related to mathematics such as The Black Box and a model on spherical coordinates. Additionally, B.Sc. students presented a model and presentation on Vedic Mathematics. All the students who participated found the event inspiring and informative. The program ended with a vote of thanks.







### INTERNATIONAL DAY OF MATHEMATICS

On March 14, 2023, the International Day of Mathematics, also known as 'Pi Day,' was celebrated in Computer Lab II at St. Bede's College. The students of B.Sc. 1st year gave a presentation using PowerPoint to explain why March 14 is celebrated as Pi Day and highlighted the crucial role of mathematics in science and technology. The event was attended by students of B.Sc. non-medical.

