



Session- 2022-2023

"REDUCE, REUSE, RECYCLE."

On September 24, 2022, the Department of Chemistry and the Paper Recycling Unit at St. Bede's College organized a one-day training program on "Reduce, Reuse, Recycle." The training started with an introduction on how recycling paper benefits the environment, presented by Mr. Nishant Sharma. Afterwards, Mr. Sharma demonstrated the process of paper recycling to all the participants. The training program had 15 participants, including students from the 2nd and 3rd year of the Chemistry program and members from the Rural Development Department of the Government of Himachal Pradesh.





NATIONAL CONFERENCE TITLED 'NOVEL PROGRESSIONS IN SCIENCE AND TECHNOLOGY-2022'

On November 28th and 29th, 2022, the science department of St. Bede's College held a two-day National Conference titled 'Novel Progressions in Science and Technology-2022'. The aim of the conference was to facilitate the exchange of new ideas, research experiences and applications, and foster global partnerships for future collaborations. The event was attended by students and faculty members from the department of biotechnology, among others. The conference was inaugurated by Dr. Shashikant Sharma, member of the HP Private Institutions Regulatory Commission, who also released the abstract book along with the organizing committee of the conference.



The conference had a total of five technical sessions, where five eminent speakers delivered their talks on their areas of expertise. The speakers for the sessions were Dr. Lakhveer Singh, Prof. Ashish Arora, Prof. Pradeep Kumar, Dr. Manoj Kumar Sharma, and Dr. Tarun Sharma. Each session was chaired by a different person, namely Dr. Sandeep Chauhan, Dr. Kanu Mehta, Prof. Sunil Thakur, Dr. Sunil Kumar, and Dr. Balvir Patiyal.

Furthermore, the conference featured an oral presentation and a poster presentation session, where two winners were chosen from each session based on their performance.

The winners for the oral presentation were Mr. Bhagwati Prashad Sharma (first place) and Ms. Shivani Chauhan (second place). The winners for the poster presentation were Mr. Mohammad Parvez (first place) and Miss Astha Dhawan (second place).



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Finally, the conference ended with a valedictory session, where the chief guest was Prof. D. R. Thakur from the Department of Biosciences at Himachal Pradesh University, Shimla. The address of the chief guest was preceded by the declaration of winners for the oral and poster presentations.



NATIONAL SCIENCE DAY

To celebrate National Science Day with the theme of 'Global Science for Global Wellbeing,' the Science faculty of the college in collaboration with the Indian Association of Physics Teachers and Indian Science Congress Association, Shimla Chapter, organized a two-day program on February 28, 2023, and March 1, 2023.

The program commenced with an Inaugural Address by the Chief Guest, P.K. Ahluwalia, who shared his research experiences and motivated the students to pursue research for the betterment of society. A movie on Cyclotron was also shown to the students in honor of Prof. H.S. Hans on his centenary celebrations.

On the first day, the program concluded with a demonstration session by Dr. Arun Kumar from Govt. Degree College, Bilaspur, who explained important Physics Laws through his demonstrations.

On the second day, Prof. S.S. Kanwar from the Department of Biotechnology at HPU delivered an effective talk on the impact of microplastics on the environment and human health. An inter-college quiz competition was also held, with six colleges participating, and two students from St. Bede's College, Sadhna, and Archana Mullick secured first place.

Following the quiz competition, a demonstration session was held by Dr. Hemant Kumar from Govt. College, Sarahan, who explained Chemistry in everyday life through demonstrations.



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The program concluded with a brief profile and highlights of ISCA, Shimla Chapter by Dr. Neeraj Sharma, followed by a Valedictory session. The Chief Guest of the Valedictory session, Dr. Jyoti Prakash, Pro VC of HPU, felicitated the winners and participants of the inter-college quiz competition.



CAREER COUNSELLING SESSION

On March 25, 2023, a career counselling session was held for the students of B.Sc. and Bio-Tech. 3rd year. The session was organized by the Department of Chemistry with the aim of providing guidance on entrance exams and career opportunities. The session featured 10 distinguished speakers who have excelled in their respective fields and were pursuing M.Sc. or Ph.D. from different universities. Each speaker brought a unique perspective and wealth of knowledge to the discussion. The session began with an introduction of the speakers and their respective fields of study. The speakers shared their experiences and insights on the challenges and opportunities they faced while preparing for the exams. They also shared tips and strategies for cracking the exams and getting into top government institutions. They highlighted the importance of preparation and time management in order to excel in the exams. They also emphasized the need to have a clear understanding of the syllabus and exam pattern. They also talked about the different opportunities available in academic, industry and government sectors. They emphasized that students should explore their interests and strengths to choose a suitable career path. The students had an opportunity to interact with the speakers and clarify their doubts regarding the exams. Two of the speakers also shared their experiences and insights on



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how to start a successful business and the various government schemes available for entrepreneurs. They also shared tips on networking, funding, and marketing strategies. The students had an opportunity to interact with the speakers and clarify their doubts regarding entrepreneurship.

Overall, the career counselling session was a great success. The students gained valuable insights into the different entrance exams and the opportunities available in their respective fields. They also learned about entrepreneurship and how to start a successful business. The experiences and insights of speakers were highly motivating and informative for the students. Here are brief introductions of the speakers and their areas of expertise:

S.No.	Name	Institution	Specialization
1.	Dipansh Katoch	H.P.U	Zoology
2.	Divya	H.P.U	Zoology
3.	Hemant Ghai	H.P.U	Biotechnology
4.	Deepak Sakhuja	H.P.U	Biotechnology
5.	Sarah Gupta	H.P.U	M.Sc. Chemistry
6.	Shreya Dubey	H.P.U	Forensic Science
7.	Heemanjali	H.P.U	Physics
8.	Prerna Sharma	H.P.U	M.Sc. Botany
9.	Abhinav Thakur	H.P.U	M.Sc. Chemistry
10.	Akhil Rana	H.P.U	M.Sc. Mathematics

