



ACTIVITIES FOR THE SESSION 2021-2022

WORLD ENVIRONMENT DAY CELEBRATION

On the occasion of the World environment day on June 5, 2021 following activities were organized by the department:

- I. Online Lecture:** An online guest lecture (on MS Teams) was organized in which the resource person was Dr. Vaneet Jishtu, Scientist, Himalayan Forest Research Institute, Shimla who shared his views through presentation entitled “Ecosystem and Their Restoration: A frantic Push to Reverse the Decline of Our Natural World”. A total of 130 participants, including students and faculty members, attended the lecture.
- II. Students Activities on World Environment Day:** Students of 2nd and 4th Semester M.Sc. Botany celebrated World Environment Day through various activities. All the students of M.Sc 4th Sem. sowed several species of fruit & timber yielding plants and ornamental flowers plants at their homes. Students of M.Sc 2nd Sem. were involved tree plantation, garbage collection; and disposal and utilization of waste material at their homes.



- III. Participation in Online Quiz:** Students of B.Sc. II, B.Sc. III (Medical) and M.Sc IInd Sem. participated in online Inter-College Environment Quiz competition on **World Environment Day** organized by Department of Botany, RKMV, Shimla and won various prizes in the quiz competition.



AZADI KA AMRUT MAHOTSAV CELEBRATION

To commemorate Azadi ka Amrut Mahotsav, the students of B.Sc IIIrd Year participated in the following activities on September 7, 2021.

- i. Cataloguing of Herbarium
- ii. Maintenance and Cleaning of the College Herbal Garden.
- iii. Systematic arrangement of class models.



WORLD FOOD DAY CELEBRATION

Department of Botany in collaboration with Department of Biotechnology and Microbiology celebrated World Food Day on October 21, 2021. The theme for the year, 2022 was “Safe Food Now for a Healthy Tomorrow”. Following activities were organized by the Department:

- A Webinar on the topic ‘Functional Foods’ was organized for the students. Resource person for the lecture was Prof. Nivedita Sharma from Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni. She talked about foods that have a potentially positive effect on health by sharing a presentation and encouraged students to consume foods beneficial to health and avoid packaged food which are harmful to body in many ways.

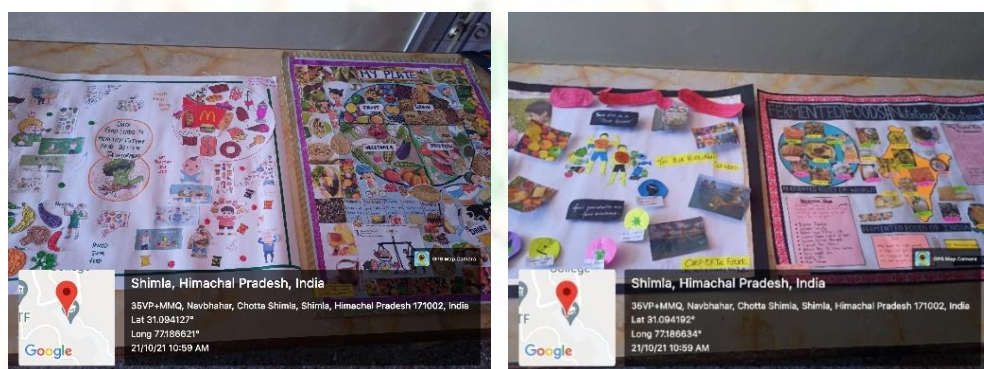


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- Collage making competition was held for the students on the theme “Safe Food for Healthy Future and Better Development”.

The 1st Position was bagged by Chinmay and Aditi of B.Sc. II year and the 2nd Position went to Sneha Joshi and Shivani of B.Sc. Biotechnology III.



- Rangoli Making Competition was held for the students on the topic “Microbes as Food”.
1st Position went to Neesa Negi and Vasuki Thakur (BA Eng Hons. I year) & Nivedita and Shaivi (Biotechnology II Year) stood second.





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INTER-DEPARTMENTAL ACTIVITY

An inter-departmental activity was organised by the History Department in association with Botany Department on October 26, 2021. A very informative and insightful lecture on “Codified Medical Plants and Its Uses” was delivered by Ms Preeti Kaundal, Assistant Professor, and Department of Botany.



WEBINAR ON ‘SCIENCE AND TECHNOLOGY: INDIA@ 75’ UNDER AZADI KA AMRUT MAHOTSAV

A webinar entitled ‘Science and Technology: India@ 75’ under Azadika Amrut Mahotsav was organized by St. Bede’s college in collaboration with Indian Science Congress Association (ISCA), Shimla Chapter on September 23, 2021. The aim of the program was to provide an insight to the progress in “Science and Technology” during the past 75 years of independence and to develop a scientific aptitude and scientific innovations among the young minds. Prof. Sr. Molly Abraham welcomed all the dignitaries and participants followed by the introduction of the webinar by Prof. Neeraj Sharma, convener ISCA Shimla chapter. Inaugural address was delivered by the Hon’ble Vice Chancellor, Prof. Sikander Kumar, who emphasized on the role of Science and Technology in society and its growth during the past 75 years. Prof. K.S. Rangappa gave a talk on the contribution of eminent scientists in the growth and development of Scientific India. The first resource person of the webinar was Prof. P.K. Ahluwalia (Retd. Prof. Department of Physics, HPU Shimla) who gave a talk on the impactful 75 years of Indian Science and technology. The second resource person Dr. Deepak Tuli who delivered a lecture on “Energy scenario in India – Advances in Bioenergy”. An offline science quiz competition was organized by Faculty of Science at the end of the webinar. The six teams were named after the names of prominent women scientists i.e., Mary Curie, Rosalind Franklin, Shakuntla Devi, McClintock, Andrea Ghezand TuYouyou. The winner of the quiz competition was team McClintock comprising Shivani Rangta, Avantika and Megha Sharma.

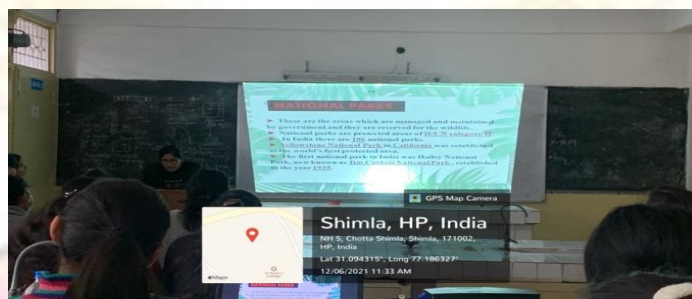


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WILDLIFE BIODIVERSITY CONSERVATION DAY CELEBRATION

Wildlife biodiversity conservation Day was celebrated in the department on December 6, 2021. Student of M.Sc. Botany Semester 1st and 3rd celebrated the day by showing their presentations on the Conservation of Biodiversity.





INTERNATIONAL MOUNTAIN DAY (ANTARRASHTRIYA PARAVAT DIVAS)

On December 11, 2021; International Mountain Day was celebrated at Potter hills, Shimla (Western Himalayan Arboretum). The teachers and students of M.Sc. Botany, St. Bede's College participated on the theme "Sustainable Mountain Tourism". The students from the department of Biosciences Himachal Pradesh University also participated in the event.. The main speaker was IAS Shrinivas Joshi who explicitly talked about the beautiful mountain ranges like Dhauladhar range, Shali peak, Chansal peak and Hatu peak. He explained how sustainable tourism in mountain can contribute towards creating an additional and alternative livelihood options. He also talked about social inclusions as well as landscape and biodiversity conservation. After that a visit was made to Arboretum having more than 150 plants.

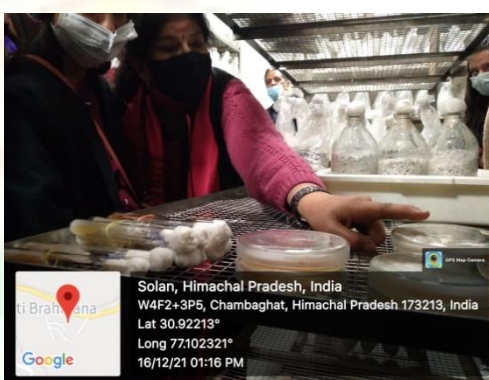


EDUCATIONAL TRIP TO ICAR-DMR, CHAMBAGHAT, SOLAN

Department of Botany organized a one-day educational trip to ICAR-Directorate of Mushroom Research, Chambaghat, Solan for the students of B.Sc. II and III year on December 16, 2021. The team was guided by Dr. B.L. Attri - Principal Scientist Directorate. Students joined a webinar on "Natural farming" in the seminar hall of Research Centre which was addressed by the Prime Minister Narendra Modi. Dr. Attri addressed the students in person and enlightened them on the history and development of Mushroom cultivation throughout India, establishment of ICAR-DMR, types of mushrooms and their health benefits. During the field visit the students were familiarized with step-by-step techniques that are used for mushroom cultivation like preparation of spawn, creating compost and finally cultivation of mushrooms. The field trip enabled students to investigate all possible perspectives of the subject and helped them grasp the information for future reference.



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FIELD VISIT TO JAKHU HILLS

The Department of Botany organized an excursion to Jakhu hills on December 16, 2021. The visit was a great learning experience as they were made aware about the flora of Shimla.





LIBRARY TOUR FOR M.SC. STUDENTS

The Students of M.Sc. were taken to the library on February 18, 2022 to introduce them to the research and general section of the library.



SCIENCE WEEK CELEBRATION AT CENTER OF EXCELLENCE COLLEGE, SANJAULI

The students of B.Sc.I, II and III year visited Center of Excellence College, Sanjauli on February 22, 2022 on the occasion of Science Week Celebration. The event was organized by Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE) in collaboration with Vigyan Prasar, Department of Science and Technology, celebrating “Vigyan Sarvatra Pujte”. Key highlights of the celebrations were theme base lectures, science quiz, science model exhibition, and documentary screening.

The chief guest on the inaugural day was a Major General Atul Kaushik, Chairman of the Himachal Private Educational Institutions Regulatory Commission (HPPEIRC). He shared some of his experiences and encouraged today's youth to follow the path of their passion to create a magnificent future for India.

On the 2nd day of the celebration, there was a webinar on ‘History of Science and Technology in India’. The spokesperson Dr. Sanjay Kumar, Director CSIR-IHBT, Palampur, talked about the roles played by CSIR and its contribution to Indian science and technology over the years. After the webinar there was an interaction with Mr. S.S. Randhawa, Principal Scientific Officer, HIMCOSTE. He talked about advancements in space technology and its applications. Then there was a poster exhibition, on the theme “Disaster management”. The event was indeed very enlightening.



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NATIONAL SCIENCE DAY CELEBRATION

On February 28, 2022, St. Bede's College celebrated National Science Day organized by the Science faculty. The theme for the event was "Integrated Approach in Science and Technology for a Sustainable Future". An inter-ship power point competition was conducted on the topic 'Applications of Raman Spectroscopy in Science' in which INS Himmat and INS Vikas secured 1st and 2nd positions respectively. An inter-ship science quiz competition was also conducted. INS Vikrant, INS Vikas and INS Chirag secured 1st, 2nd and 3rd positions respectively. Various informative videos were also made on contribution of women in science and contribution of Indian women in science. Lastly, Herbariums of collages, posters models on bacterial and viral structures were displayed and practical demonstrations of interference, diffraction, scattering of light, were carried out. Department of Mathematics and Computer Science also displayed various models and computer parts.



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DEMONSTRATION ACTIVITY COMPETITION

On March 10, 2022 the Department of Botany organized a demonstration activity competition on theme “Ecological Succession and Food Web” in which students of first year displayed their demonstrations on the importance of ecological succession and food web. Students were given a free hand to express their creativity on the topic on “Plant Ecology and Taxonomy”. Various models, charts were made by them to make their presentations more attractive. These activities greatly enhanced the knowledge of students clearing their concepts. They were motivated to give their best in the activity by giving first and second positions for their presentations.

- Sakshi Chauhan & Riya Thakur bagged the 1st position
- Samriti & Khushbu stood second





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