



## Activities for the session 2018-19

### GUEST LECTURE

Guest lecture on “**Recent Trends in Bioinformatics**” was organized in the Department by Dr. Nikhil Sharma, Bioinformatics officer, Department of Biotechnology Himachal Pradesh University Shimla.



### WORKSHOP

Students and teachers attended two days workshop “Celebrating Indian Science from past to future in St Bede’s College organized by the Department of Physics in collaboration with ISCA, Shimla chapter on 13th September, 2018. The students of the department of Microbiology displayed several models and agar art in the workshop which were appreciated by the various guests and participants of the workshop.



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## **Student training**

Students of B.Sc. (Hons) Microbiology attended one month internship in reputed research centers

- Central Research Institute Kasauli
- State Forensic laboratory, Junga, Shimla
- Fermenta biotech , Takoli, Mandi

## **In-House Project:**

Students of B.Sc. (Hons) Microbiology 5<sup>th</sup> semester did an in house project entitled as “Soil Profiling of Different Samples of Himachal Pradesh” under the guidance of Ms Reena Thakur.





## **Interdisciplinary Activities**

Students of B.Sc. (Hons) Microbiology did an interdisciplinary activity with students of B.Sc. Botany on demonstration of different techniques of immunology.



## **Students Orientation**

In the beginning of the session, an interactive session was organized for the students of first year. They actively interacted with student alumni who make them aware about the future prospects of the field. This session also helped them to understand and prepare for competitive exams for higher studies in a better way.



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### **An approach to save and promote the environment awareness**

Dr. Neha Gautam of Department of Microbiology distributed saplings to outgoing students as a token of love with a motive to save and promote environment awareness.



### **Green auditing**

Department organised Green Auditing of the College so as to



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determine the Ambient air quality of the College. Himachal Pradesh State Pollution Control Board (HPSPCB) audited the College for the same. All the analyzed parameters were found in prescribed limits. The analysis report was received from RO Shimla Vide letter no HPSPCB/ROS/Sample-19-2071 Dated 14/03/2019.





## **Workshop:**

To celebrate Science Day, science faculty of St. Bede's College Shimla, in collaboration with Jaypee University Waknaghat organized a one day workshop on the theme “**Science for the people and people for science**” on 28th February, 2019, to mark the discovery of Raman Effect for which Sir C.V. Raman was awarded the Nobel Prize in physics in 1930. Students and teachers of the department actively participated in this workshop.



Following lectures were delivered in the technical sessions of the workshop.

1. Bioinformatics: Applications in Medical Science like Alzheimer disease and cancer by Prof TeerathRaj Singh.
2. ‘Recent Trends in Nanotechnology’ by Dr. Ragini Raj Singh.
3. The importance of science in our daily life by Dr. Sanjeev Kumar Tiwari.



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In the third technical session students were divided into small groups and practical demonstrations were given to them.