

Fw: Industrial Visit || For B.Sc ZBC students || On 12th Nov 2022

Sarathi Prasad Gouda <director.placement@invertis.org>

Thu 11/2/2023 10:48 AM

To: Sanjana Agarwal <sanjana.a@invertis.org>

Regards,

<p><b>SARATHI GOUDA</b> Director - Corporate Relations</p> <p><b>+91-72170-11230</b></p> <p>Phones: (+91 581) 2460442, 2640443 (Ext. 110), Telefax: (+91 581) 2460454 Invertis Village, Bly-Lko, National Highway, N.H.-24, Bareilly (U.P.) <a href="http://www.invertisuniversity.ac.in">www.invertisuniversity.ac.in</a></p>	 <b>INVERTIS</b> <b>UNIVERSITY BAREILLY</b>
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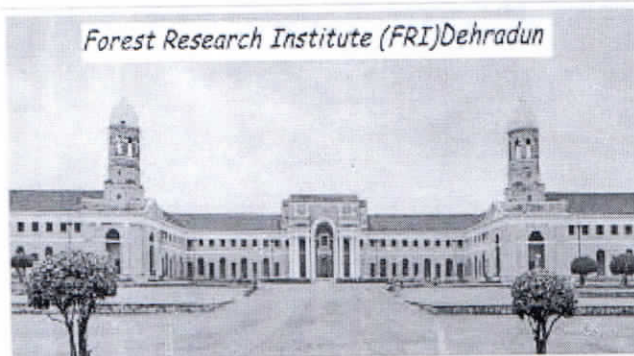
**From:** Sarathi Prasad Gouda <director.placement@invertis.org>

**Sent:** Wednesday, November 9, 2022 3:29 PM

**To:** Dr. Nishtha Srivastava <nishtha.s@invertis.org>

**Cc:** Kamlesh Kumar Dubey <kamlesh.dubey@invertis.org>; Prem Prakash Singh <ppsingh@invertis.org>; Applied Sciences and Humanities Department <ashevents@invertis.org>; Umesh Gautam <ugautam@invertis.org>; YDS Arya <vc@invertis.org>

**Subject:** Industrial Visit || For B.Sc ZBC students || On 12th Nov 2022



Dear Dr. Nishtha,

CRC has organized an Educational visit / forest visit for **B.Sc ZBC** students on 12<sup>th</sup> Nov 2022

**Company :** The Museums of Forest Research Institute Dehradun

**Date of Visit :** 12<sup>th</sup> Nov 2022

**Visit Time :** 9:30 am

About the Museums of Forest Research Institute Dehradun

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The mammoth building houses six gigantic museums namely:

1. The Social Forestry Museum
2. The Pathology Museum
3. The Silviculture Museum
4. The Timber Museum
5. The N.W.F.P Museum
6. And the Entomology Museum.

These museums narrate the rise of forestry as a serious discipline, a contribution of the British Raj.

The major highlights are:

- The dioramas of floodplains
- Forest patterns across India
- And a cross-section of a 700-year old Deodar tree

Regards,

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## EDUCATIONAL TOUR REPORT

(COURSE: B.SC. ZBC)

**TO: HEAD OF THE DEPARTMENT, APPLIED SCIENCES AND HUMANITIES, INVERTIS UNIVERSITY**

**FROM: DR. NISTHA SRIVASTAVA AND DR. SANTOSH JOSHI**

**SUBJECT: EDUCATIONAL TOUR REPORT**

**DATE: 12<sup>TH</sup> AND 13<sup>TH</sup> NOVEMBER, 2022**

**PURPOSE:** On November 12<sup>th</sup> and 13<sup>th</sup>, 2022, an educational trip to Forest Research Institute, Dehradun and field survey in nearby areas were planned and conducted with the students of B.Sc. ZBC. Our primary interest was to learn more about the Museums and preserved specimens placed in the institute and field survey to collect a few samples for the life science laboratory. We also wanted to review the generalized knowledge of the participants on field based knowledge.

**TOPIC:** Forest Research Institute is located at Dehradun in Uttarakhand, and apart from the main building of magnificent colonial style of architecture, it has botanical garden and museums which reflect the social forestry, pathology, silviculture, timber, non-wood forest products and entomology.

**RESEARCH:** The first day was devoted to the FRI. Students were impressed by the research exhibitions and historic collections of forest in the institute. Dendrochronology was one of the major aspect of the study. In addition several theoretical concepts and doubts were cleared during the visit. In the next day students were headed to nearby forest area at Mussorie, where forest study was conducted and a few samples were collected for the laboratory. The forest composition of Dehradun and Mussorie was also analysed.

**RESULT AND CONCLUSION:** Students were able to know the depth of forest composition and changing forest types in according to elevation gradients. Field study of the samples growing on different substrata were studied and interaction with many essential structures and morphology of plants and their parts were practically observed. Many expected samples were missing from the region that directly indicates the increasing tourism on visited places that gradually deteriorate plants life. Further, disturbances and pollution made several sensitive species to get disappeared or absent from the anticipated areas. Repetition of several species have clearly shown the existence of common tree types in a wide range of forest extension.

**RECOMMENDATION:** Institutional visit together with the field survey in the nearby forest areas help the students of life science to enrich their knowledge on different commonest methodologies useful to preserve plants. They can predict the changing forest composition in chronological order. Collection of samples help to study the detailed characters of different species in the lab. Overall, a research enthusiasm could be developed by conducting such type of educational tours.

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