



Centre of Excellence
**GOVT. COLLEGE SANJAULI, SHIMLA 171006,
H.P. (INDIA)**

Co-Educational Institution, Affiliated to Himachal
Pradesh University Shimla-5

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A REPORT
on
A ONE DAY WORKSHOP
ON
UNDERSTANDING OF BOTANY
March 01, 2024



Organized by
Department of Botany
Under DBT Star College Scheme

Department of Botany, CoE, Govt. College Sanjauli organized the one-day workshop on Understanding of Botany on dated March 01, 2024. The eminent **Resource Person** for the event were **Dr. Vaneet Jishtu**, Scientist - E- HFRI Shimla and **Dr. Maneesha Kohli**, OSD, Directorate of Higher Education.

A total of 134 (one hundred thirty-four) students of B.Sc. Ist, IInd and IIIrd year participated in the event.

The workshop began at 11 am in the college conference hall with lightning of the lamp in front of goddess Saraswati. This was followed by a welcome speech by **Mrs. Deepti Gupta, HOD Department of Botany, COE Sanjauli** and by presenting a token of gratitude to Chief Guest (Principal, CoE Govt. College Sanjauli) and esteemed resource persons for the day.



Pre Lunch Session

The key note speaker for the day **Dr. Vaneet Jishtu** delivered his talk on **Taxonomy** – its importance, scope and future of taxonomy. The key points of the presentation included-

Taxonomy

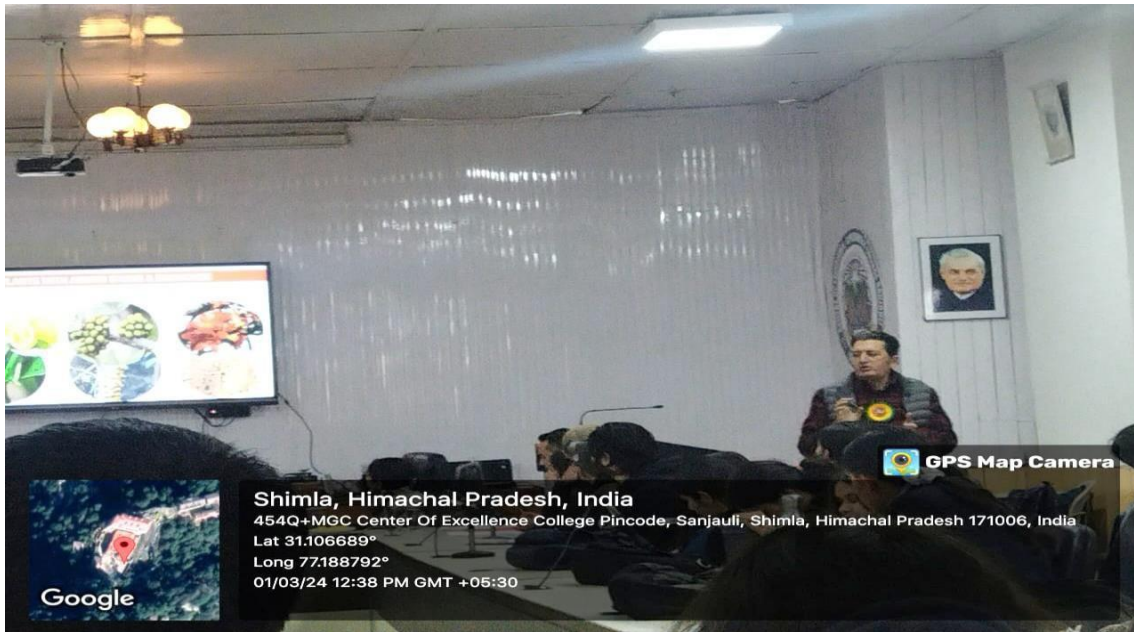
Taxonomy is the science of naming, describing and classifying organisms and includes all plants, animals and microorganisms in the world. Taxonomy identifies and enumerates the components of biological diversity providing basic knowledge underpinning management and implementations of the Convention on Biological Diversity. Taxonomy is a dynamic subject and a lot has transformed rapidly in the field of taxonomy in the past two decades.



Scope of Taxonomy:

- In establishing the Phylogenetic relationship that exists naturally between many groups of plants.
- Using nomenclature principles and rules all plants are named.
- It has a great value in forestry because all forests tree have been named and classified.

At the end of his talk, he had an interactive question answer session with the students.

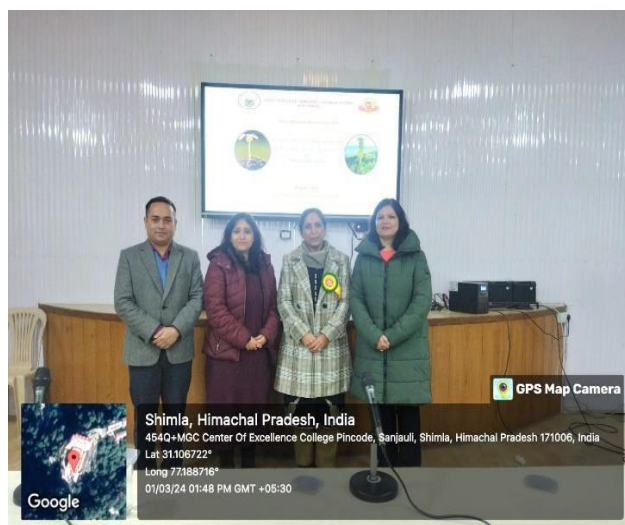


This was followed by a Lecture cum Presentation on **Traditional Knowledge** by **Dr. Maneesha Kohli**, OSD, Directorate of Higher Education Shimla. Dr. Kohli focused on Traditional Knowledge and medicinal plants.



Traditional Knowledge is the knowledge system possessed by various communities across the globe. Such knowledge has been accumulated over the years and has been used and passed down through several generations. It is usually with respect to the natural surroundings of the community and includes agricultural knowledge such as manner of cultivation, environmental knowledge and knowledge of natural medicines.

Grandparents and elders are the keepers of traditions and values. They pass on their knowledge and experiences to their grandchildren or young ones, ensuring that important traditions are preserved and passed down to future generations.



This was followed by a vote of thanks by **Dr. Sushil Sharma**, Assistant Professor, Department of Botany, CoE Sanjauli. The programme was facilitated by the event host Dr. Shikha chandel, Assistant Professor, Department of Botany.

Post Lunch Session

The post lunch session of the workshop began at 2.30 pm in the Botany Lab, the students were provided with a Hands-on Training on Instrumentation Techniques by **Mr. Vikas** from Research Aid.



New instruments were installed in the lab which include Centrifuge and Orbital Shaking Incubator.

Conclusion

With this, a one-day workshop came to an end. The faculty members from various department of Science stream including Coordinator of the DBT Star College Scheme were also present during the event. The knowledge and skills imparted during this workshop will be invaluable for the students pursuing career in related fields.

Resource Persons Detail:

- **Dr. Vaneet Jishtu**, Scientist-E, ICFRE- Himalayan Forest Research Institute, Shimla. Email: vjishtuv@gmail.com, jishtuv@icfre.org. Phone No. 9418054070.
- **Dr. Manisha Kohli**, OSD, Directorate of Higher Education Shimla and Former Principal, Govt. College Chail Koti, Shimla. Email: maneeshakohli2@gmail.com. Phone No. 94183-82473
- **Mr. Vikas**, Research Aid Instruments & Services, Prabhu Chhaya Bhawan, Baijnath Road, Palampur (HP) Pin 176061. Email: researchaid92@gmail.com. Phone No. 7018956039.



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A ONE DAY WORKSHOP ON *Understanding of Botany* on **March 01, 2024**

Organized by

DEPARTMENT OF BOTANY
Under DBT Star College Scheme



Venue: Conference Hall

Time: 10:30 am onwards



Resource Persons:

Pre Lunch Session:

1. Dr. Vaneet Jishtu, Scientist-E, HFRI Shimla.
2. Dr. Manisha Kohli, OSD, Directorate of Higher Education Shimla and Former Principal, Govt. College Chail Koti, Shimla.

Post Lunch Session:

1. Hands on Training on Instrumentation Techniques by Mr. Vikas, Research Aid