

7.b.5. Collaboration for Skill based courses/Training/ internship programmes etc. among cluster Colleges:

Score Claimed = (1X5 = 5)

Under the Cluster Initiative, **RVS Government College Seema** and **LBS Government Degree College Saraswati Nagar** jointly organized a skill-based training programme titled *“Hands-on Experience in Molecular Biology”* on **7 Nov. 2024** in collaboration with the **Department of Biotechnology, Jaypee University of Information Technology, Wagnaghat (Solan)**.

The programme aimed to enhance the practical knowledge and laboratory skills of students in molecular biology. Teachers and students from both cluster colleges actively participated in the training under the guidance of **Dr. Poonam Chauhan** and **Dr. Radha Raman** from LBS Government Degree College Saraswati Nagar, along with **Dr. Umesh Narta, A.P. Ritika, Dr. Radhuvir, and Dr. Devender** from RVS Government College Seema.

During the session, **Prof. Sayal** from Jaypee University of Information Technology, along with a research scholar, conducted practical demonstrations and hands-on laboratory training, exposing students to modern molecular biology techniques and laboratory procedures used in biotechnology and life sciences. Prof. Sayal also delivered an informative lecture on **career opportunities in science in India and abroad**, highlighting various fellowships, scholarships, and research opportunities for higher studies.

The programme proved highly beneficial for students as it strengthened their technical skills, research awareness, and understanding of career prospects in scientific fields. Such collaborative initiatives among cluster colleges promote skill development, academic interaction, and exposure to advanced research facilities.



Department of Botany Govt. College Seema (Rohru)

A report on

Hands on experience (Practical) session in Molecular biology

Hands on experience (Practical) session was organized for students of BSc. on Molecular Biology focusing on DNA isolation and visualization, Enzyme assay and Bacterial categorization using sophisticated instrumentation and techniques. The session was arranged by department of Botany in collaboration with Department of Biotechnology Jaypee University of Information Technology, Solan on 7th Nov. 2024. Teachers and students of and LBS Govt college Saraswati Nagar attended the session.



Dr. Punam Chauhan Dr, Radha Raman from LBS Govt college Saraswati Nagar, Dr. Umesh Narta, Prof. Ritka Chauhan, Dr. Raghubir, Dr. Davvender from Govt College Seema attended the session. Bsc students from Both the colleges participated in the session.



Prof. Sayal and PhD, research scholar demonstrated the practical to the students. Prof sayal also spoke on the career options in science in India and abroad and various fellowships available for higher studies in sciences particularly in biotechnology. Dr Umesh Narta Coordinated the workshop and thanked the Team

from Jaypee University of Information Technology, Solan Led by Prof. sudhir sayal Head and Dean Department of Biotechnology

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