



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



Report on the Workshop on Molecular Biology and Immunotechniques

Date: February 19, 2025

Venue: Netaji Subhas Chandra Bose Memorial Government College, Hamirpur

Coordinator: Prof. Anil Kant

Sub-Coordinator: Dr. Tyson

Introduction

A one-day workshop on "Molecular Biology and Immunotechniques" was successfully held on February 19, 2025, at Netaji Subhas Chandra Bose Memorial Government College, Hamirpur. The event aimed to provide participants with a comprehensive understanding of molecular biology techniques and immunological methodologies, emphasizing their applications in research and diagnostics. A total of 60 students participated in the event.

Sessions and Activities

The workshop comprised of lecture, interactive sessions, and practical demonstrations conducted by esteemed experts in molecular biology and immunology. Key highlights included:

1. Inaugural Session:

- The workshop commenced with a welcome address and lecture by Prof. Anil Kant, who emphasized the significance of molecular biology and Immunotechniques in modern scientific research.
- Prof. Anil also informed the students about the GAT-B exam details and conducted a mock GAT-B exam test for the final-year students to help them prepare for competitive exams.

2. Technical Sessions:

- **Session 1: Molecular Biology Techniques**
 - Polymerase Chain Reaction (PCR) and its applications.
 - Gel electrophoresis for DNA analysis.
- **Session 2: Immunotechniques**
 - Radial Immunodiffusion
 - ABO blood Grouping

3. Hands-on Training:

- Practical demonstrations were conducted, allowing participants to gain experience in molecular laboratory procedures.
- Special emphasis was given to troubleshooting common laboratory issues and interpreting experimental results.



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



In addition to the coordinators, Lab Engineer Mr. Mohd. Ismail Siddiqui and two PhD students actively contributed to the workshop, assisting in technical demonstrations and hands-on training sessions. Their expertise and guidance helped participants gain valuable practical knowledge.

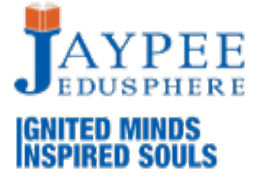
The workshop successfully provided an enriching experience for all attendees, bridging the gap between theoretical knowledge and practical applications. The enthusiastic participation and positive feedback highlighted the importance of such events in fostering research and skill development.

Prof. Anil Kant and Dr. Tyson expressed their gratitude to the organizing committee, Dr. Pramod Patial (Principal), Dr. Vijay Kumar Thakur (Associate Professor) and Dr. Kalpana Bhandari (Assistant Professor), for their cooperation and support in facilitating this visit, and participants for their active involvement, ensuring the success of the event. We also extend our gratitude to HOD Sir, Prof. Sudhir Kumar, Dean of Academics Sir, Prof. Ashok Gupta, and Vice Chancellor Sir, Prof. R.K. Sharma for allowing us to arrange this workshop.





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)





JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. – WAKNAGHAT,
TEHSIL – KANDAGHAT, DISTRICT – SOLAN (H.P.)
PIN – 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)



*Samsung Galaxy S24 Ultra
20 February 2025 1:02 pm*