

## **One Day Workshop on ‘Molecular Biology and Biotechnological Techniques’**

On 24 February 2023, a One Day Workshop was organized by Jaypee University of Information Technology, Waknaghat, Solan (H.P.) in collaboration with Rajkiya Kanya Mahavidyalaya (RKMV) Longwood, Shimla, (H.P.) on ‘Molecular Biology and Biotechnological Techniques’. The workshop was arranged by Prof. Sudhir Kumar HoD, BT & BI, JUIT and Dr. Anil Kumar Thakur Dean (Sciences), HoD-Botany, RKMV. Dr. Jata Shankar & Dr. Rahul Shrivastava from JUIT, coordinated the entire workshop.

60 students of B.Sc. (Microbiology, Biotechnology, Zoology and Botany streams) participated in the workshop. Faculty members Dr. Rajender Prakash, Ms. Kartik S. M. Chanchan, Mr. Amit Sharma, Mr Rajesh Azad, from RKMV, Shimla accompanied the students and actively participated in the workshop. The main objective of the workshop was to educate and motivate students for exploration of different arenas in science, and provide them live demonstration and training on novel areas and topics related to Microbiology, Molecular Biology and Biotechnology.

The workshop was conducted by the resource persons from the Department of Biotechnology & Bioinformatics, JUIT, Waknaghat. Dr. Rahul Shrivastava provided a practical demonstration of Drug Screening methods, and Biofilm Inhibition Assay used for Drug Discovery, Dr. Jata Shankar provided a live practical session on PCR and Real-Time PCR. The sessions were followed by practical session on Industrial Applications of Plant Tissue Culture by Dr. Hemant Sood, and interaction on Enzyme Technology by Dr. Ashok Nadda and Dr. Uday M.

RKMV College, Shimla administration thanked the, JUIT for his motivation and support. JUIT administration, staff, research scholars and M.Sc. volunteers provided their support for making the workshop a great success. JUIT Vice Chancellor Prof. Rajendra Kumar Sharma and Dr. Ruchi Ramesh, Principal, RKMV, Shimla expressed their delight over successful conduct of the First workshop under the MoU signed between JUIT and RKMV, Shimla.

