

Report on **“Hands on training workshop” on molecular biology and immunology related teaching kits.**

Workshop on **“Hands on training workshop”** on molecular biology and immunology related teaching kits was organized at SOS in Biotechnology, Pt. Ravishankar Shukla University, Raipur Chhattisgarh on **October 13-14, 2014**. The technical experts Mr. Abhijeet Gade and Mr. Abhishek Wanjare from HiMedia were present for the demonstration. The workshop was inaugurated by Dr. S. K Jadhav (Prof. & Head) with a brief introduction of the workshop.

Further, Dr. K. K Sahu (Associate Prof.) and Dr. Afaque Quraishi (Assistant Prof.) gave the basic objective behind the workshop. The workshop was attended by all the M. Sc, M. Phil. students and Ph. D. scholars. The workshop was supervised by Dr. Nagendra Kumar Chandrawanshi (Assistant Prof.), Mr. Vikram Singh (Contract Lecturer) and Mrs. Veena Thakur.

Objectives: To study the basic techniques of Molecular biology.

Day 1: After the inaugural function the workshop was started by Mr. Abhijeet Gade, technical expert from Hi Media Laboratories. He started the workshop with presentation on restriction digestion and ligation of DNA which was continued by discussion between the students and the experts. For performing the practical's all the students were divided into 5 groups, each with Ph. D. scholars, M. Phil and M. Sc. students. The results and queries were discussed further between the experts and students.

Day 2: On the 2nd day technical expert Mr. Abhijeet Gade gave presentation on PCR techniques and explained the basic concepts and its working principle. The same groups performed the practicals on 2nd day followed by discussion session.

Outcome: The outcome of the workshop was more positive interaction among all the students and their participation that gave idea to all the attendants of handling, performing and interpretation of work/ practical.