

Department of Biochemistry

Training in “Clinical Laboratory Diagnostics” at Vimta Labs

3rd to 9th September, 2019

The students of B.Sc, Biochemistry were taken to Vimta Labs, Cherlapally, Hyderabad for observership to gain experience in clinical laboratory setup. This programme was organized under the DBT-STAR COLLEGE SCHEME for undergraduate students from 3rd September, 2019 to 9th September, 2019. In the Clinical Reference Laboratory (CRL), students were given an extensive understanding of the procedures and were shown about the sample collection, processing, barcoding and segregation of various samples. Students were demonstrated about the high end automation used in clinical laboratories. They were also explained and demonstrated about the chemiluminescence immunoassays (CLIA) and serum protein electrophoresis. In the histopathology lab, they were shown the grossing, section cutting, staining and mounting of various biopsy samples. M.Sc Biochemistry students along with other life science students were also shown the same facilities to improve their diagnostic skills. Students have interacted with the staff and cleared their doubts. Overall, the training programme was an enriching experience to the students in terms of high level automation used in clinical diagnostics.



Training course on “Animal Cell Culture methods”at CCMB

12th February, 2019

Students of M.Sc Biochemistry have attended a training program conducted by Centre for Cellular and Molecular Biology (CCMB) on “Demonstration of Animal Cell Culture Methods” on 12th February, 2019. They have observed the steps in preparation of culture media and its sterilization, cell culture methods, freezing and revival of cells, staining and counting of cells in a counting chamber. Students had a good opportunity to learn and get exposed to various practical aspects of cell culture methods.

