

Department Name :- Biotechnology

Event/activity Name :- Visit to human cytogenetic lab

Date :- 14/08/2019

No. of Days :- 01

Venue :- Gene Care, genetic diagnostic lab, Level :-Post graduate  
Rander Road, Surat

Resource Persons (if any) :- Dr. Gaurav D. Shastri, Consulting Geneticist, Heni Patel, Lab Technologist

Aim/purpose: To make aware, provide scientific knowledge & teach basics of Human cytogenetics.

Details of the event/ activity: Dr. Shastri gave a brief overview of human cytogenetics to the students. Mrs Heni showed total lab & its related machineries. She further demonstrated the total protocol of human periferal lymphocyte culture along with GTG banding & slide preparation by air dry method. She also showed normal & abnormal karyotyping of clients. Mr. Shastri showed slides of different patients prepared through FISH process. He also explained the details of FISH.

Participants: - M.Sc. Biotech (sem - 7) (32 students)

Outcome: - Students got exposed to the complete process of PBLC & also could see certain basic procedures undertaken during human cytogenetic disorder testing. This visit made them more aware about the basic concepts regarding human cytogenetic.

Signature of event/ activity co-coordinator :- Dr. Nehal D. Shah







