Accredited 'B' Grade (2.67 CGPA) By NAAC

SARVAJANIK EDUCATION SOCIETY

Shree Ramkrishna Institute of Computer Education & Applied Sciences

(Sarvajanik Institute of Computer Education)

M.T.B. College Campus, Athwalines, Surat-395 001. Ph : 2240172

Department / Committee Name :- Microbiology

Event/ activity Name :- Visit of **M Sc MLT and PGDMLT Sem-2** students at Lok Samarpan Blood bank

Date :- 04/03/2025 No. of Days :-One

Venue :- Lok samarpan blood bank, Mini bazaar, varachha, surat. Level :- Regional

Collaboration (if any) :- ---

Resource Persons (if any) :- ---

Aim/purpose: To advance the knowledge of students in the field of blood banking.

Details of the event/ activity: At First all students were taken in to the conference room where senior staff gave all information regarding the works and research being carried out at blood bank.

After that total 47 students were divided in two batches and two senior technicians has taken charge for each batch and both have explained all process carried out in different sections of blood bank very satisfactorily. Then one by one both batches were taken to demand and dispatch room from where blood bags are dispatched according to the patient's need.

All students have observed donor's counseling room where medical officer examined donor's health. Then all have seen Donor blood collection room, refresher room, various types of blood bags, single donor platelet (SDP) instrument.

Also observed blood storage room (2°-6°C), various types of freeze (-40°C), how to separate blood components like PCV, PC, FFP, CP. Then they observed serological testing room where various testing like HIV, HCV, HBsAg, MP and RPR were carried out by semi and fully ELISA method.

At last they have seen blood grouping and crossmatching by ordinary method and by fully automated instrument. Also seen fully automated instrument for HIV, HCV and HBsAg testing.

Management has also given permission to all students to come in all future blood donation camp so they can get idea regarding blood collection from donor and other activities done in camp. This is really very helpful for their training purpose.

Participants:- (Total no.:- 47 , Total Institute :- ---)

Winners (if any) :- ----

Outcome:- This visit give a lot of benefits to students in the field of blood banking by observing all the procedure like donor blood collection, grouping, crossmatching, component separation and serological testing. Students learned a lot about the work ethics in blood bank. So definitely this was very useful programme for students.

Signature of event/ activity co-ordinator :- Dr. Smita Rajani