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## Faculty of Science

### Shree Ramkrishna Institute of Computer Education & Applied Sciences

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**Department / Committee Name :-** Microbiology

**Event/ activity Name :-** Visit of PGDMLT Sem – II students at Savior Blood Bank

**Date :-** 22/03/22

**No. of Days :-** One

**Venue :-** Savior Blood Bank, Shubh square first floor, Gotala vadi, Near Lal darwaja, Surat. **Level :-** Regional

**Aim/purpose :** To improve and advance the knowledge of students in the field of blood transfusion.

**Details of the event/ activity:** To make visit engrossing total 40 Students were separated in three groups and then rotated all groups in different sections like- registration area, Donor's room, serological area, apheresis unit, component preparation and storage unit and rest room for donor.

Firstly blood bank staff took students to registration area where all the information of donor is collected by medical officer. After that students went to the donor area where they learned how to collect blood from donor, saw different types of blood collection bags and which types of precautions they had to take during collection.

In serological area they observed various methods of blood grouping, cross matching by manual and automated method and also seen fully automated ELISA for HIV, HBsAg and HCV. In component preparation and storage unit they saw separation of various components of blood like PC, FFP and CP with various types of centrifuges and also observed deep freeze storage department and quality control.

**Participants:-** Total no.:- 40 students

**Outcome:** - After this visit student obtain significant knowledge regarding donor collection, processing of blood unit and component separation and preservation.

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



