**REPORT ON BLOOD BANK VISIT**

Venue: Blood Bank Centre, AIIMS Mangalagiri

Date of Visit: 09-03-2024

Time: 09.00 am-12.00 pm

**Objective:** The primary objectives of the blood bank visit were to:

1. Educate students about the importance of blood donation and the role of blood banks in healthcare system.
2. Demonstrate the process of blood collection, testing, storage, and distribution.
3. Encourage students to consider becoming blood donors in the future.

**Key Highlights:**

1. Introduction to Blood Bank: The visit began with an informative session on the significance of blood donation and the essential functions of a blood bank in healthcare delivery.
2. Tour of Facilities: Students were taken on a comprehensive tour of the blood bank facilities, including the donor area, testing laboratory, storage units, and distribution center.
3. Blood Collection Process: They observed the meticulous procedures involved in blood collection, from donor registration and medical screening to phlebotomy and post-donation care.
4. Laboratory Testing: Students learned about the rigorous testing protocols employed to screen donated blood for infectious diseases and other potential risks, ensuring the safety of recipients.
5. Blood Storage and Inventory Management: They gained insights into the techniques utilized for blood component separation, storage, and inventory management, ensuring optimal utilization and traceability.
6. Distribution and Transfusion: The visit concluded with a demonstration of the processes involved in blood product distribution and transfusion, emphasizing the critical role of timely access to blood products in patient care.

**Report:** On March 9th 2024 as a part of teaching learning activities the Second Year B.Sc. (Hons.) Nursing students were taken to blood bank to learn the various storage methods and blood bank facilities, including the donor area, testing laboratory, storage units, and distribution center. The visit was conducted with the permission and guidance of Dr. Madhabananda kar, Director of AIIMS, Mangalagiri and Prof. Dr.Danasu R, Principal, College of Nursing. The students were accompanied with Faculty Mrs. Vallepu Padma and Mrs.Yeramareddy Vijaya Mariya Nakshatram. All of the 25 students were briefed about the objectives for the blood bank visit at class room and reached the blood bank at 9 AM. After reaching the blood bank, blood bank Doctors and Nursing Officers gave an orientation regarding various storage methods of blood and bank facilities, including the donor area, testing in laboratory such as Blood grouping and cross matching, Phlebotomy procedure and Post donation care. The students reached back to the college at 12:00 PM.

 



