

**ASILO HOSPITAL
MAPUSA - GOA
GOVT. OF GOA**

TEL. No. (0832)2262211

Email: asilohospital@gmail.com

Date: 08/06/2022

TO WHOMSOEVER IT MAY CONCERN

This is to inform you that **Miss. Yuvrani Sunil Halarnkar**, MSc. Microbiology Part I student from Goa University has completed 15 days Internship from 23rd May 2022 to 8th June 2022 in the Department of Pathology and Microbiology.

During this period she has been trained in the following:

- Routine blood tests (Haematology)
- Serological tests (Widal, Australia Antigen, Rh factor, ASO, CRP, Leptospirosis)
- Chikungunya/Dengue ELISA Testing
- AFB Slides staining and reporting
- Performing Gram Staining and Albert's Staining
- Maintain cleanliness in lab and follow recommended safety procedures
- Dispose off specimen and laboratory waste as per guidelines
- Maintain necessary records and submit to I/C as required
- Orientation in bacteriology and molecular laboratory techniques
- Laboratory Information Management Software
- Orientation to Blood Bank and its Techniques


Dr. VarshaMunj

**Senior Pathologist
North District Hospital,
Mapusa - Goa**

Internship Report

Yuvrani Sunil Halarnkar

M.Sc Microbiology Part 1

School of Biological Sciences and Biotechnology

Goa University, Taliegao Goa

Roll no- 21P042010

Place of internship: North Goa District Hospital, Mapusa Goa

Duration: 15 days(23-05-2022 to 08-06-2022)

Timing: 9.30 am to 4.00 pm

This report has a brief information of all the activities done by me during the internship period in the month of May 2022 at North Goa District Hospital, Mapusa Goa.

I reported at the pathology lab in the hospital at 9.30am on 23/05/2022 where groups were made and everyone was allotted in different pathology sections.

I was first sent to the microbiology and virology laboratory for around 5 days period:

day 1 :

- they asked to give a brief introduction about ourselves.
- Standard Microbiology Manual was given to read which had all the necessary tests to be performed along with a short principle.
- Demonstration of gram staining was given by one of the lab technicians.
- The lab contained RNA extraction room, RT-PCR room where they showed the working of the machines used for the procedures
- Automated RNA extraction machine - Roche (for testing covid samples)
- Thermoscientific – semi automatic machine for testing covid samples
- We were told to label the vials of dengue sample received from the wards along with their ID

Day 2:

- demonstration of streaking of urine samples received on Mac Conkeys agar plates


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