

Model Program Book



SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

SEMISTER INTERNSHIP

Name of the Student :- MANNENA JALAJAKSHI

Name of the college :- Govt. Degree College [men] sklm

Registration number :- 2022001056020

Period of Internship :- From : 07-12-2022 To : 18-03-23

Name and Address of the Intern Organization :- Government
General Hospital [G.H] Srikakulam

Dr. B.R. Ambedkar (University) Srikakulam University

YEAR

An Internship Report on

Medical field

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

III CBMB

Under the Faculty/Guideship of

D. Ravindana

(Name of the Faculty Guide)

Department of

Govt. Degree College [men] sklm

(Name of the College)

Submitted by:

manrena. Jalajakshi

(Name of the Student)

Reg.No: 2022001036020

Department of microbiology

Govt. Degree College [men] sklm

(Name of the College)

Student's Declaration

I, MANNE MAJALAJA KHEID student of B.Sc IIIrd year
Program Reg. No. 202001030001 the Department of C&MB, G.D.C. (F&N)
College do hereby declare that I have completed the mandatory internship
from 07-12-22 to 18-03-23 in Govt. General Hospital (Name of
the intern organization) under the Faculty Guidship of
D. Ravindra (Name of the Faculty Guide), Department of
BO - IIT Govt Degree College (Molakur)
(Name of the College)

M. Rajeshi
(Signature and Date)

Certificate from Intern Organization

This is to certify that MANNENA JALAJAKSHI (Name of the intern)
Reg. No 2022001056020 of Govt. Medical College (man) (Name of the
College) underwent internship in G161H(Rims) (Name of the
Intern Organization) from 7th Dec 2022 to 18th Mar 2023

The overall performance of the intern during his/her internship is found to be
Satisfactory (Satisfactory / Not Satisfactory).

K. Saradamba
16/5/2023

Authorized Signatory with Date and Seal

Dr. K. SARADAMBA, M.D
Professor & HOD
Department of Bio Chemistry
Government Medical College
SRIKAKULAM-532 001

L. Ashwini
16/5/2023

Civil Surgeon, RMO
Govt. General Hospital
SRIKAKULAM

prof. Dr. M
19/7/23

Official Certification

This is to certify that MANNENA JALAJAKSHI (Name of the student) Reg. No. 2022001056020 has completed his/her Internship in G. G. H SKIM (Name of the Intern Organization) on medical (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of III C B M B in the Department of Govt Degree College (Name of the College).

This is accepted for evaluation.

D. Ravi
Principal, Govt Degree College
(Signature with Date and Seal)
SRIKAKULAM

Endorsements

Faculty Guide D. Ravi
[Signature]
Head of the Department

[Signature]
Principal
PRINCIPAL
Government Degree College (Men)
SRIKAKULAM

Acknowledgements

we are highly obligated to respected Dr. Shail Pola
Bhaskar commissioner for providing a great opportunity
for internship

we are grateful to our Dr. P. Suresha principle
MPC[RI] Sriikakulam for her sincere encouragement
towards internship

we are thank ful to Sri. B. Mohan Rao coordinator
for internship for his continuous coordination and
communication with students.

we are grateful to P. Ravindra lecturer in Botany
class mentor for his continuous monitoring for the
entire internship

RNO assistant professor, HOD and lab technicians
with thank you to each for giving the opportunity to
complete my internship at CRIT. I have learnt
so much and appreciate the time you spent
loading my new skills and useful medical
tests.

Contents

1. title page
2. An Internship report
3. Instructions to students
4. student declaration
5. student official certification
6. certificate from intern organization
7. Acknowledgements
8. chapter 1:- Executive Summary
9. chapter 2: overview of the organization
10. chapter 3: Internship part
11. chapter 4: Activity log book from 1st week to 12th week
12. chapter 5: Internship outcomes description
13. student self evaluation
14. evaluation by the supervisor
15. Internship photos & videos
16. Internal & external evaluation

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

I have allotted 4 months internship in the medical department by the department.

After allotment I went to join at G. G. H. S. K. Hospital. After my joining I was assigned different works at different labs. by HOD of microbiology for the duration of 4 months. During my period I learned a lot. Dr. Subashini mam taught us about the training techniques, incubation etc. It was a very great lecture and helpful for us. Theoretically we acquired knowledge given by her.

practical knowledge we gain from lab technicians. They showed us demonstration I spent most of the time in labs. we involved in conducting tests. I had conducted that test like blood groups, Hemoglobin test and collected blood samples from patients for the test from this with of internship in the medical department I had improved a lot by knowing about various medical tests and how to treat patients and how. I am very much impressed by the faculty and lab technicians of hospital and interaction patients taught me a lot.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

I worked in the medical department as a interns in VUTH Srikrakulam. medical department plays an important role in every sector. I observed many things in the hospital. different categorised faculty are serving the patients very well. my work and experience as a intern in Hospital was very appreciable. I interacted with my senior faculty members with honourably I spend with my senior faculty members with the faculty in the lab of the hospital and I got to know the various medical machines which are used for various tests.

The organization which I had worked in the medical field The VUTH is well organised with all facilities and well worked faculty with well mannered behaviour.

In my point of view the organization that I had worked was very good with full of patience with loan well treatment and with well experienced and alcoholic doctors and nurses.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

I worked in MCH hospital, Ernakulam in the department of medical. I worked in the lab I did many tests like p.e.r. electrolysis and total blood count and Haemoglobin

In the lab. they are two sections or departments are told they are Biochemistry and culture. they have many machines with highly sophisticated techniques and tools are there for conducting various tests for patients very accurately.

I did many test with full of alertness and with full of self caring during collection of blood samples and in urine tests

I conducted many tests like blood group determination etc.. under the supervision of my sir madams we to this internship I got to know the various de and various tests that concluded and report them with modern superficial technology.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the serology lab and observed the tests done in the lab	I have learned the usage of lab equipment	Pi
Day - 2	we went to the serology lab and observed the tests done in the lab	I have learned the usage of lab equipment	Pi
Day - 3	we went to the serology lab and observed the tests done in the lab	I have learned the usage of lab equipment	Pi
Day - 4	we went to the serology lab and observed the tests done in the lab	I have observed the H.C.V (Hepatitis virus) test	Pi
Day - 5	we went to the serology lab and observed the tests done in the lab	I have observed the H.C.V test	Pi
Day - 6	we went to the serology lab and observed the tests done in the lab	I have observed the H.C.V test	Pi

WEEKLY REPORT

WEEK - 1 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire first week I was allotted in the serology department. It was a polite meeting with the staff in the lab. The first three days in the lab we observed the lab equipment which are used to perform various tests. we observed the centrifuge, water bath, etc, and other instruments like micro pipette, test tubes, burets, flasks and other glass ware etc, and the last three days in the week we observed the test procedure of H.C.V [Hepatitis C virus] test in serology lab. This test is used for initial screening for hepatitis C. The test performed by enzyme immunoassays which detect the presence of hepatitis C antibodies. In serum the serum is separated from blood by the process centrifugation. In the internship organization we use rapid in vitro diagnostic test of HCV for qualitative detection of antibodies specific to HCV simultaneously in human serum (or) Plasma.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the serology lab and observed the tests done in the lab	I have observed the malaria test	
Day - 2	we went to the serology lab and observed the tests done in the lab	I have observed the malaria test	
Day - 3	we went to the serology lab and observed the tests done in the lab	I have observed the malaria test	
Day - 4	we went to the serology lab and observed the tests done in the lab	I have observed the malaria test	
Day - 5	we went to the serology lab and observed the tests done in the lab	I have observed the malaria test	
Day - 6	we went to the serology lab and observed the tests done in the lab	I have observed the C.R.P [C-reactive protein test]	

WEEKLY REPORT

WEEK - 2 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this ~~entire~~ second week I was allotted in the serology department. In this week we observed two tests one is the malaria test and C.R.P test. In the internship organization they use malaria Pf / PV antigen. it is a rapid in vitro diagnostic test for qualitative detection and differentiation of plasmodium falciparum and plasmodium vivax antigen in human whole blood. malaria is a serious disease caused by a parasite. parasite that cause malaria are passed to humans through the bite of infected mosquitoes. malaria is common in tropical and subtropical areas. so, malaria is common in tropical only conducted. In the organization C.R.P test a C-reactive protein test measures the level of C-reactive protein sample of your blood. C.R.P is a protein that your liver makes. A C.R.P test can show whether you have inflammation in your body and how much. This test also conducted in the organization.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we went to the serology lab and observed the tests done in the lab	I have observed the C.R.P test	hi
Day -2	we went to the serology lab and observed the tests done in the lab	I have observed the CRP test	hi
Day -3	we went to the serology lab and observed the tests done in the lab	I have observed HBs Ag (Hepatitis B surface Antigen) test	hi
Day -4	we went to the serology lab and observed the tests done in the lab	I have observed the HBs Ag tests	hi
Day -5	we went to the serology lab and observed the tests done in the lab	I have observed the HBs Ag tests	hi
Day -6	we went to the serology lab and observed the tests done in the lab	I have observed the HBs Ag tests	hi

WEEKLY REPORT

WEEK - 3 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire third week I have observed two tests. The first three days I have observed the C.R.P test and the next last three days observed the HBsAg test as we observed the C.R.P test in the last week. So we observed the same test procedure in the first three days of this week too. In the last three days we observed the HBsAg test [Hepatitis-B surface antigen] is a rapid in vitro diagnostic test for qualitative detection of Hepatitis B surface antigen in human serum (or) plasma it is a viral infection that attacks the liver. In the internship organization they also provide free medicine and free vaccines for this infection. We also observed many activities in the lab like cleaning the lab making recording of the tests done in the day. Uploading the tests done in the lab to the organization online database and observed other work done in the lab.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we went to the serology lab and observed the tests done in the lab	I have observed the ASO Anti streptolysin O titration tests	hi
Day -2	we went to the serology lab and observed the tests done in the lab	I have observed the ASO test	hi
Day -3	we went to the serology lab and observed the tests done in the lab	I have observed the ASO test	hi
Day -4	we went to the serology lab and observed the tests done in the lab	I have observed the widal test	hi
Day -5	we went to the serology lab and observed the tests done in the lab	I have observed the widal test	hi
Day -6	we went to the serology lab and observed the tests done in the lab	I have observed the widal test	hi

WEEKLY REPORT

WEEK - 4 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire fourth week we were allotted to the serology lab and we observed the ASO test in the first three days of the week. The ASO test (or) anti-streptolysin O-titer test is used to measure the antibodies produced by your body as a response to the group A streptococcus bacteria. Generally an ASO test value below 200 is considered normal and children under the age 5 the value is below 100. In the last three days of the week observed any to check for antibodies that your body makes against the salmonella bacteria that causes typhoid fever (enteric fever). This bacteria can spread from person to person (or) from consuming contaminated food.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we went to the I.C.T.C. [Integrated counselling and testing centre] department	I have observed the counsellor giving counselling to the patients	chy
Day -2	we went to the I.C.T.C. department and observed the counsellor giving counselling to the patients	I have observed the counsellor giving counselling to the patients	chy
Day -3	we went to the I.C.T.C. department and observed the counsellor giving counselling to the patients	I have observed the counsellor giving counselling to the patients	chy
Day -4	we went to the I.C.T.C. department and observed the counsellor giving counselling to the patients	I have observed the counsellor giving counselling to the patients	chy
Day -5	we went to the I.C.T.C. department and observed the counsellor giving counselling to the patients	I have observed the counsellor giving counselling to the patients	chy
Day -6	we went to the I.C.T.C. department and observed the counsellor giving counselling to the patients	I have observed the counsellor giving counselling to the patients	chy

WEEKLY REPORT

WEEK - 5 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire fifth week we were allotted in the I.C.T.C (Integrated counselling and testing centre) department. In this department we were introduced ourselves to HIV counsellor and he explained the work of his job in the I.C.T.C. HIV and AIDS counselling has two general aims one is the prevention of HIV transmission and the support of those affected directly and indirectly by HIV and we learned some of the counselling skills which gives us good knowledge, can feeling in the patients, rapport establishment with them, showing empathy, listening to them non-judicial attitude with patients, following them and guiding them safely by precautions counselling for safe sex, promoting behavioural changes to reduce vulnerability these are some of counselling skills we learned.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the HIV (HIV Immuno-deficiency virus) test lab and observed the tests	I have observed different types of HIV tests performed lab	clay
Day - 2	we went to the HIV testing lab and observed the tests done in the lab	I have observed the COMB AIDS rapid test	clay
Day - 3	we went to the HIV testing lab and observed the tests done in the lab	I have observed the COMB AIDS rapid test	clay
Day - 4	we went to the HIV testing lab and observed the tests done in the lab	I have observed the MERISCREEN - rapid test	clay
Day - 5	we went to the HIV testing lab and observed the tests done in the lab	I have observed the COMB AIDS rapid test	clay
Day - 6	we went to the HIV testing lab and observed the tests done in the lab	I have observed the MERISCREEN - rapid test	clay

WEEKLY REPORT

WEEK - 6 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this sixth week, we were allotted in the HIV (Human Immunodeficiency virus) testing lab. In the day one we observed the lab equipment and other instruments. we observed different types of tests for HIV disease the next three days we observed the combi rapid test it is a rapid sensitive dot immunoassay test for the detection of HIV-1 and HIV-2 antibodies in human serum/plasma. It is the most accurate and reliable routinely used diagnostic HIV test. In the last two days we observed another test called MERI screen HIV test, it is a single used immunochromatographic assay for detection of antibodies specific to HIV-1 and HIV-2 in human serum, plasma and whole blood these are the test we observed in this week.

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the MERI SCREEN - Rapid test	clp
Day -2	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the MERI SCREEN - Rapid test	clp
Day -3	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the signal HIV test	clp
Day -4	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the signal HIV test	clp
Day -5	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the signal HIV test	clp
Day -6	we went to the H.I.V testing lab and observed the tests done in the lab	I have observed the signal HIV test	clp

WEEKLY REPORT

WEEK - 7 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire seventh week we were allotted to the HIV testing lab and it is in the ICIC department. In the first two days we observed the mini screen test, as described in the last week it is a single used immuno-chromatographic assay for the detection of antibodies specific to HIV-1 and HIV-2 in human serum plasma and whole blood. In the last four days we observed the signal HIV test is a flow through immuno-dot test for qualitative detection of antibodies to HIV test is a flow HIV 1+2 in serum (or) plasma rapid visual two dots assay with in built control dot. These are the tests done in the organization HIV damages the immune system and interferes and disease. There is no cure for HIV/AIDS but medication can control the infection prevent disease progression many give drugs

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the microbiology lab and observed the tests done in the lab	I have observed the lab equipment and the instruments in lab	<u>Avk</u>
Day - 2	we went to the microbiology lab and observed the tests done in the lab	I have observed the lab equipment and the instruments in lab	<u>Avk</u>
Day - 3	we went to the microbiology lab and observed the tests done in the lab	I have observed the lab equipment and the instruments in the lab	<u>Avk</u>
Day - 4	we went to the microbiology lab and observed the tests done in the lab	I have observed the laminar air flow chamber	<u>Avk</u>
Day - 5	we went to the microbiology lab and observed the tests done in the lab	I have observed the incubator and autoclave	<u>Avk</u>
Day - 6	we went to the microbiology lab and observed the tests done in the lab	I have observed the Gram stain technique.	<u>Avk</u>

WEEKLY REPORT

WEEK - 8 (From Dt. to Dt.)

Objective of the Activity Done:

Detailed Report:

In this entire eight week we were allotted to the microbiology lab and we observed all the equipment in the lab. In first three days we observed the laboratory precautions, equipment, and all the instruments which are used in the laboratory. A lot of instruments are used in this lab. In the next day we observed on lab equipment used in the lab called laminar air flow cabinet. It is a carefully enclosed bench designed to prevent contamination of semiconductor materials, biological samples, (a) any particle sensitive materials. Air is filtered by HEPA filter and blown in a very smooth, laminar flow towards the user. It may have UV-C germicidal lamp to sterilize the interior before usage. In the fifth day we observed the incubator. It is a device used to grow and maintain microbiological cultures (a) cell cultures. The cultured microorganisms in the laminar air flow are incubated in the temperature.

ACTIVITY LOG FOR THE NINTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we went to the microbiology lab and observed the tests done in the lab	I have observed the gram-stain technique	<u>AK</u>
Day -2	we went to the microbiology lab and observed the tests done in the lab	I have observed the gram-stain technique	<u>AK</u>
Day -3	we went to the microbiology lab and observed the tests done in the lab	I have observed the gram-stain technique	<u>AK</u>
Day -4	we went to the microbiology lab and observed the tests done in the lab	I have observed the ziehl-neel stain technique	<u>AK</u>
Day -5	we went to the microbiology lab and observed the tests done in the lab	I have observed the ziehl-neelsen stain technique	<u>AK</u>
Day -6	we went to the microbiology lab and observed the tests done in the lab	I have observed the ziehl-neelsen stain technique	<u>AK</u>

WEEKLY REPORT

WEEK - 9 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this week also we were allotted in the same microbiology lab. In the first three days of this week we observed the gram-staining differentiates bacteria by the chemical and physical properties of their cell walls. It is almost always the first step in the identification of a bacterial group hence it is a valuable diagnostic test in the hospitals. and in the last three days of this week we observed the ziehl-Neelsen staining technique that is used in the lab. It is a type of acid-fast stain used to identify acid-fast organisms, mainly mycobacteria. The acid-fast bacilli are bright red after staining [gram positive bacteria appear crystal violet colour and gram negative bacteria appear pink (or) red in the colour by counterstaining]

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the microbiology lab and observed the tests done in the lab	I have observed the preparation of nutrient culture medium	AVK
Day - 2	we went to the microbiology lab and observed the tests done in the lab	I have observed the preparation of nutrient culture medium	AVK
Day - 3	we went to the microbiology lab and observed the tests done in the lab	I have observed the streaking on the culture medium	AVK
Day - 4	we went to the microbiology lab and observed the tests done in the lab	I have observed different disinfectants for different types of bio-medical wastes	AVK
Day - 5	we went to the microbiology lab and observed the tests done in the lab	I have observed different disinfectants for different types of bio-medical wastes	AVK
Day - 6	we went to the microbiology lab and observed the tests done in the lab	I have observed different disinfectants for different types of bio-medical wastes	AVK

WEEKLY REPORT

WEEK - 10 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this week we were in the microbiology lab and observed the preparation of nutrient culture medium, it is used as an organic nitrogen source in microbiological culture media for cultivation of a variety of bacteria and fungi. A culture media is a preparation of essential minerals, nutrients and carbon source for the better growth of microorganisms generally and mainly peptone is used in the culture media. In the third day we observed the streaking technique used in microorganisms either from a mixed species (8) from a single species. In the last three days we observed the disposal of waste [lab waste] in different types of dustbins, there are many types but generally three - four types are used in the organization they are red, blue, yellow and green according to the type of waste material we are going to dispose.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>
Day -2	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>
Day -3	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>
Day -4	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>
Day -5	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>
Day -6	we were allotted to the blood sample collection area	I have learned the method to collect blood from the patient	<u>AK</u>

WEEKLY REPORT

WEEK - 11 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this entire week we are allotted in the blood sample collection area here the patients need to undergo blood tests we have to give their blood firstly the patient's details are recorded and then the blood sample is taken the amount of blood taken is according to the types of tests they undergo and the sample were poured in the sample tubes, these tubes have the patient's ID number and then these tubes have sample are sent to the different blood and serum plasma testing labs according to the type of test required here also the patient's ID no is recorded generally 3ml and 5ml syringes are used in the organization

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we went to the biochemistry lab and observed the tests done in the lab	I have observed the process of Bilirubin test	@
Day - 2	we were allotted to the bio-chemistry lab and observed the tests done in the lab	I have observed the process of Bilirubin test	@
Day - 3	we were allotted to the bio-chemistry lab and observed the tests done in the lab	I have observed the process of Bilirubin test	@
Day - 4	we were allotted to the bio-chemistry lab and observed the tests done in the lab	I have observed the process of calcium test	@
Day - 5	we were allotted to the bio-chemistry lab and observed the tests done in the lab	I have observed the process of calcium test	@
Day - 6	we were allotted to the bio-chemistry lab and observed the tests done in the lab	I have observed the process of calcium test	@

WEEKLY REPORT

WEEK - 12 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this week we were allotted to the bio-chemistry lab, and observed the equipments in the laboratory. In the first three days of the week we observed the bilirubin test in the lab. it is a yellow pigment that's in blood and stool. a bilirubin test determines the levels of bilirubin in the body. In the organization they test for direct bilirubin bilirubin attached by the liver to glucuronic acid is called direct bilirubin and for total bilirubin - all the bilirubin in your body's blood together is called total bilirubin. High bilirubin can involve jaundice. total bilirubin normal value - 0.2-1 mg/dL and direct bilirubin value 0.0-0.4 mg/dL. In the last three days of this week we learnt about calcium test. measures the amount of little calcium in the blood. it may be sign of wide range medical conditions. normal calcium value 8-11 mg/dL.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the process of creatinine test	@
Day -2	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the process of creatinine test	@
Day -3	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the process of creatinine test	@
Day -4	we were allotted to the biochemistry lab and we observed the tests done in the lab	I have observed the uric acid test	@
Day -5	we were allotted to the biochemistry lab and we observed the tests done in the lab	I have observed the uric acid test	@
Day -6	we were allotted to the biochemistry lab and we observed the tests done in the lab	I have observed the uric acid test	@

WEEKLY REPORT

WEEK - 13 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

In this week in the bio-chemistry lab the first three days are observed the creatinine test it is a measure to know how well your kidneys are performing their job of filtering waste from your blood it is a chemical compound left over from energy-producing processes in your muscles. Healthy kidneys filter creatinine at blood creatinine exits your body as a waste product in urine. Normal value of creatinine in the blood is 0.5-1.5 mg/dL. In the last three days of this week are observed the uric acid in a sample of blood it is a normal waste product that your body makes when it breaks down chemicals called purines, they come from your cells when they uric acid in joints this condition is called gout. Gout type of arthritis that causes pain for swelling your joints also cause kidney kidney failure it's normal value 3.5 mg/dL.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the glucose test	(Signature)
Day - 2	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the glucose test	(Signature)
Day - 3	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the glucose test	(Signature)
Day - 4	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the total cholesterol test	(Signature)
Day - 5	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the total cholesterol test	(Signature)
Day - 6	we were allotted to the bio-chemistry lab and we observed the tests done in the lab	I have observed the total cholesterol test	(Signature)

WEEKLY REPORT

WEEK - 14 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

on this week in the bio-chemistry lab we observed the glucose and cholesterol tests. In the first three days we observed the glucose tests to measure the blood sugar and after you eat a meal third day observed the random glucose test to measure the amount of glucose circulating in the blood. Normal value of glucose circulating in the blood normal value of glucose (fasting) 70-120 mg/dL and normal value of glucose (post prandial) is 80-160 mg/dL and value of glucose (random) 70-140 mg/dL. In the last three days of week we observed the total cholesterol test - a measure of the total cholesterol test - a measure of the total amount of cholesterol blood includes LDL, HDL, VLDL, triglycerides. The normal value of total cholesterol is 150-250 mg/dL.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the total protein test	a
Day - 2	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the total protein test	a
Day - 3	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the Albumin test	a
Day - 4	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the Amylase test	a
Day - 5	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the triglycerides test	a
Day - 6	we were allotted to the Bio-chemistry lab and we observed the tests done in the lab.	I have observed the urea test.	a

WEEKLY REPORT

WEEK - 15 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

This is the last of the internship in the organization. In this week we observed many tests that are performed in the bio-chemistry lab. The first one is the total protein test - to measure the amount of protein in the blood its normal value is $6-8 \text{ g/dL}$ next test is Albumin test - to measure the amount of albumin in the blood its normal value $3-5 \text{ g/dL}$. The next Amylase test - the normal value $22-80 \text{ IU/L}$. In the next day we observed the triglycerides test - to measure the amount of fat in your blood called triglycerides. High triglycerides may increase your risk for Heart attack (a) stroke its normal value $60-150 \text{ mg/dL}$. In the last of this week observed urea test - to check kidney function and its normal value is $10-40 \text{ mg/dL}$.

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

The internship work environment is one of the aspects of interns quality addressed in this report. The people at U.T.H Hospital were welcomed me warmly and with good interactive staff.

First and foremost I had trained and examined many things like test and medical procedure. I had worked most of the time in lab. and my lab sirs/ madms explained and trained very well - we are the interns as team were very active and focused in the work. we were also given space for our procedure which made our internship very use-ful for us.

Describe the real time technical skills you have acquired (in terms of the job-related skills and hands on experience)

There are many technical skills that I have acquired from this medical internship. I have to know about how to put my knowledge and skills in to practice such as an intern in medical field. I learned how to communicate and build relationship with the people I had been asked.

I learned that every department of organisation has its own importance and role as an intern. I discovered it's essential to be able to understand the importance of the work of the medical field and its content for future. I learned that sometimes asking for feedback or receiving feedback is difficult to hear but it will have a significant impact on your future career and success.

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.)

we have improved more about the lab and medical test and various disease etc. and many medical procedure in this internship at GWH Hospital in the department of medical.

As we have been interacted with the faculty of the lab technicians and nurses etc. as we assigned to work and to learn more about every medical test and importance. at first time we felt very time but now we are confident while confident communication as we conversing understanding others.

we also come to getting understanding by other we improved our speech skills from prepared level to extempore level. we have

developed from a student to an intern we also developed so much of interacting skills in our way which made students better.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.

There are also some managerial skills I have acquired for this internship. I learned how to effectively deal with people. Developing management skills is important to all professionals as a team is planned about scheduling with respect to time and we all acted as a leader and trainer for every week enthusiastically. We arranged our work place culture for productive use of time.

We have kept notes for observing everything. Improvement of our weekly work. We dream about we have kept pros and cons in our working style. We all kept our goals for the year. We also have decision making skills which are very essential in futures.

As per the final day we have discovered about our performance and upgraded.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

The govt general hospital srirakulam department of vascular and endovascular surgery at govt general hospital offers treatment for various condition related to vascular system our vascular care centre deliver intervention in blood vessels.

our Exceptional team of specialisation and advanced health care technology deliver the best treatment outcome for each patient. be able to live a healthy and happy life patients with the best health care

- ⇒ innovative medicines
- ⇒ advanced technology
- ⇒ treatment for a healthy life style

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

The government has taken a big step in implementing technology in medical system to amplify digital and medical modern technological transformation for hospitals

The G. V. H. Hospital Sivakulam has all modern sophisticated devices in the procedure

The HR and medical superident updates the information of hospital through their valuable adds. they seen faces and taken the attendance of all students for checking

The present system followed and upgraded and enriched in every standards we have also used the technological devices for every tasks related to internship. everyone in the internship work worked very enthusiastically for everyone is future in the lab where are well sophisticated expensive with modern technological devices are there for concluded / investigate every report for the test accurately

Student Self Evaluation of the Short-Term Internship

Student Name: mannana Jalajakshi Registration No: 202200105210

Term of Internship: From: 17/12/22 To: 18/3/23

Date of Evaluation:

Organization Name & Address: Govt. Vengal Rao Hospital, skm

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Self Evaluation of the Short-Term Internship

Student Name: mannena jalajakshi Registration No: 2022001050010
Term of Internship: From: 17/12/22 To: 18/3/23
Date of Evaluation:
Organization Name & Address: Govt. General Hospital, sklm

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

M. Jalajakshi
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: mannana. Tarajakshi Registration No: 2022001056620

Term of Internship: From: 7-12-22 To: 18-03-23

Date of Evaluation:

Organization Name & Address: Govt. General Hospital, Shikakulam

Name & Address of the Supervisor
with Mobile Number

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

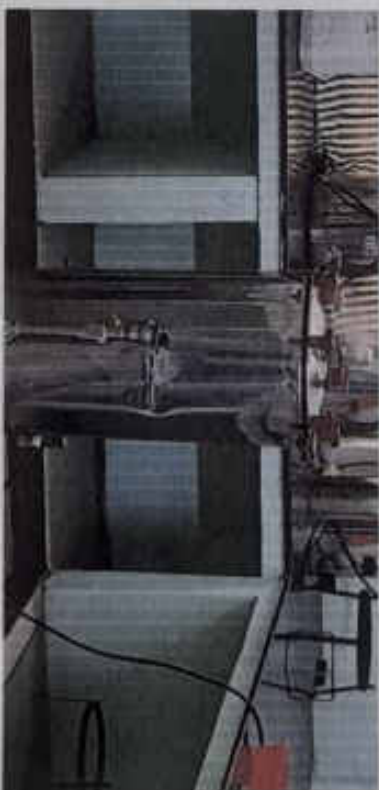
Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

16.3.2023
Signature of the Supervisor
Dr. K. SARADAMBA, M.D.
Professor & HOD
Department of Bio Chemistry
Government Medical College
SHIKAKULAM-532 001





EVALUATION

MARKS STATEMENT
(To be used by the Examiners)

Page No

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: MANNENA JALAJAKSHI

Programme of Study: 4 months Internship

Year of Study: 2022-2023

Group: C.B.M.B

Register No/H.T. No: 2022001056020

Name of the College: UPVT Degree College [men]

University: Dr. B.R. Ambedkar University

SLNo	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	10
2.	Internship Evaluation	30	29
3.	Oral Presentation	10	10
	GRAND TOTAL	50	49

Date: 18/07/2023

D. Ray

Signature of the Faculty Guide

19/7/23

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: MANNENA JALAJAKSHI

Programme of Study: 4 months Internship

Year of Study: 2022 - 2023

Group: C.B.M.B

Register No/H.T. No: 2022001056020

Name of the College: Govt. Degree College (Men)

University: Dr. B.R. Ambedkar University

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	80
2.	For the grading giving by the Supervisor of the Intern Organization	20	20
3.	Viva-Voce	50	48
	TOTAL	150	148
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	197

Signature of the Faculty Guide

D. Ravi

Signature of the Internal Expert

K. Saneer

Signature of the External Expert

Prof. Dr. 19/7/23

Signature of the Principal with Seal

Principal
Government Degree College (Men)
SRIKAKULAM