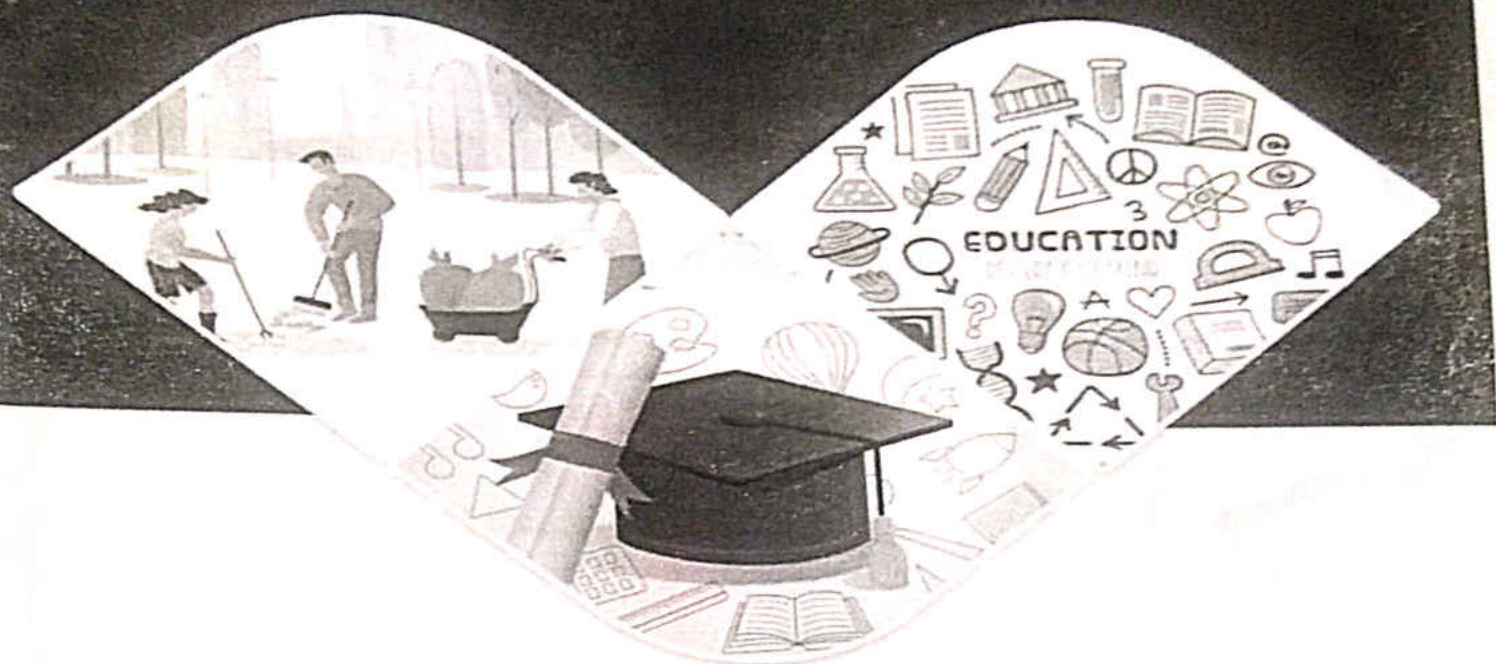


Model Program Book



SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SEMESTER INTERNSHIP

Name of the Student: G. Kalyani

Name of the College: Govt. Degree College (men), Srikakulam

Registration Number: 2022001049029

Period of Internship: From: 12-12-2022 To: 18-2-2023

Name & Address of the Intern Organization: P. G. G. H. S. Srikakulam

Ambedkar **University**
YEAR

An Internship Report on

Medical Department

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

BSc. BZC

Under the Faculty Guideship of

S. Ravibabu (sir)

(Name of the Faculty Guide)

Department of

Government Degree college for men, Srikakulam

(Name of the College)

Submitted by:

Gummala kalyani

(Name of the Student)

Reg.No: 2022001049028

Department of Zoology

Govt. Degree college (Men), Srikakulam

(Name of the College)

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/ the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

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Student's Declaration

I, G. kalyani a student of Four Months Internship
Program, Reg. No. 2022001049028 of the Department of B.Sc(BZC), Govt. Degree (men)
College do hereby declare that I have completed the mandatory internship sklm
from 12-12-2022 to 18-3-2023 in GGH(Rims), sklm (Name of
the intern organization) under the Faculty Guideship of
S. Ravibabu (Name of the Faculty Guide), Department of
Zoology
(Name of the College) Govt. Degree college (men), Sklm

G. Kalyani
(Signature and Date)

Official Certification

This is to certify that Gummala kalyani (Name of the student) Reg. No. 2022001049028 has completed his/her Internship in GICIT(Rims), Sklm (Name of the Intern Organization) on medical department (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of BSc (BZC) in the Department of Govt. Degree college (med) (Name of the College).
Sklm

This is accepted for evaluation.



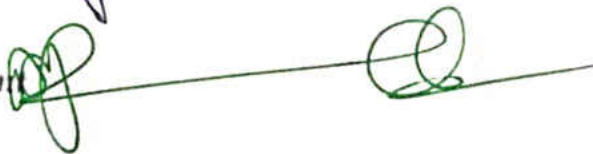
(Signatory with Date and Seal)
Dr. K. SARADAMBA, M.D.
Professor & HOD
Department of Bio Chemistry
Government Medical College
SRIKAKULAM-532 001

Endorsements

Faculty Guide



Head of the Department




Principal

Certificate from Intern Organization

This is to certify that Gummala kalyani (Name of the intern)
Reg. No 2022001049028 of GDC(men), Srikakulam (Name of the
College) underwent internship in GCH (Rims), Srikakulam (Name of the
Intern Organization) from 12-12-2022 to 18-3-2023

The overall performance of the intern during his/her internship is found to be

Satisfactory (Satisfactory/Not Satisfactory).


Dr. K. S. BABU, M.D.
Authorized Signatory, Date and Seal
Professor & HOD
Department of Bio Chemistry
Government Medical College
SRIKAKULAM-532 001

Acknowledgements

This disseration would have been possible without guidance and the help of several individuals who in one way or another contributed and extended their valuable assistance in the preparation and completion of this study.

I would like to express my gratitude to Rims Organisation for Accepting Internship programme which has provided an opportunity to gain practical working experience in the organisation.

I have privilege to express my sincere thanks and gratitude to my internal supervisor who gave me guidance and valuable suggestions. I feel honored to have him as my mentors.

I would also like to extend special thanks to the their full of co-operation guidance and support during my internals

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 worked in the Department of medical on the purpose of Internship. Firstly: Visited to the Hospital that is GCH (Rims), Srikakulam. I had chosen medical department to know the current status of the medical field. And as a science student it is very useful for our future studies. I spent so much of time in the medical lab which were allotted for us by the HOD of the departments. I learned and observed certain test which were held in different labs. Mostly the test which were conducted for the patients.

The introduction is very friendly and very valuable. They staff were very friendly. Through this internship I got to know about many medical tests which I don't know before. I had learnt many techniques and saw many equipments. I had collected blood samples from the patients. Therefore from this work of internship in the medical department I had improved a lot of knowledge about various medical tests and how to treat the patient with patience.

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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 intern in GIGIT (~~Rims~~), Srikakulam. medical Department plays an important role in every sector. I observed many this in Hospital. Categorised faculty serving the patients very well. my work and efforts and experience as a intern in hospital was very appreciable. I introduced, & interacted with my senior most faculty members with honourably

I spent nearly 4 months with the faculty in the labs of the hospital was organized with all facilities. well worked faculty with well mannered behaviour.

In my point of view the organization. They had worked was a very with full of patience with 100%. treatment and with well experienced and Doctors and Nurses.

CHAPTER 3: INTERNSHIP PART






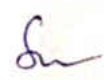
Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the interns acquired.

I worked in the GGH (Rims), Srikakulam on the purpose of Internship. In the department of medical- I learnt many test in different laboratories and also I did some tests like Hb test, smearing, ESR test, staining in pathology laboratory. I did Neelsen technique, HCV test in the laboratory of microbiology. And I knew about HIV Test, MERT Screen test in the ICTC centre. And I learnt about bilirubin test, calcium test, uric acid test, creatine test in the bio-chemistry laboratory.

There are many equipments in pathology, microbiology and bio-chemistry laboratories with highly sophisticated techniques and tools. which are used for various tests conducting in the various laboratories. Full of self caring is necessary during the collection of Blood and Urine samples.

Due to this internship. I got to know about the various diseases and their related tests to determine/ detected the particular disease. And report them in the regarded book.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted to pathology department	observed the equipment in the lab	
Day -2	I went to the pathology department	know about all the equipment usage in the lab	
Day -3	I went to the pathology department	observed the Hb Test	
Day -4	I went to the pathology department	know about Hb Test	
Day -5	I went to the pathology department	I did the Hb test	
Day -6	I went to the pathology department	Again I did the Hb Test	

WEEKLY REPORT







WEEK - 1 (From Dt. 12.12.22 to Dt. 17.12.22.)

Objective of the Activity Done:

Detailed Report: In this entire first week I was allotted in the pathology department. It was a polite meeting with the staff in the lab. The first three days in the I observed the lab equipment which are used to perform various tests. I observed the Microscope, ESR (Erythrocyte sedimentation Rate) stand, Blood collection Tube, slides, cotton etc. And the last three days in the week we observed the test procedure of Hb Test in the pathology laboratory.

A haemoglobin test is often used to check for anemia, a condition in which your body has fewer red blood cells than normal. If you have anemia, the cells in your body don't get the oxygen they need. Haemoglobin determination is used to identify the severity of anemia, and to assist in evaluating the patient's response to anemia therapy.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I went to the pathology lab	observed CBC Test	
Day -2	I went to The pathology lab	know about CBC Test	
Day -3	I went to The pathology lab	know about CBC Test	
Day -4	I went to The pathology lab	know about Hb test	
Day -5	I went to the pathology lab	practiced Hb Test	
Day -6	I went to the pathology lab	Again practiced Hb Test	







WEEKLY REPORT

WEEK - 2 (From Dt. 19/12/22 to Dt. 21/12/22)

Objective of the Activity Done:

Detailed Report: In this entire second week I was allotted in the pathology department. In this week we observed the Hb test again in the 1st day of second week then the second day we did the test by our own. The main parts of which are a graduated glass tube, colour comparators, glass stirrer and sahil's pipette to measure 20 μ l of blood. The tubes commonly used as square with graduations in percent of one side and grams as per 100ml on the other. The colour comparators are made to brown coloured glass and some better instruments have glass prisms. The requirements I used in this Hb test are Hemometer, HB tube, HB pipette, N/10 HCl. From the second day of second-week to last day of second-week. I did this Hb test until I got the best results.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I went to the pathology lab	observe ESR Test	
Day -2	I went to The pathology lab	know about ESR Test	
Day -3	I went to The pathology lab	know about ESR Test	
Day -4	I went to the pathology lab	practised ESR Test	
Day -5	I went to the pathology lab	practiced ESR Test	
Day -6	I went to the pathology lab	practised ESR Test	

WEEKLY REPORT







WEEK - 3 (From Dt. 26/12/22 to Dt. 31/12/22)

Objective of the Activity Done:

Detailed Report:

In this entire third week, I have observed the ESR Test which means erythrocyte sedimentation rate test. An erythrocyte sedimentation rate (ESR) is a blood test that can show if you have inflammation in your body. Inflammation is your immune system's response to injury, infection, and many types of conditions, including immune system disorders, certain cancers and blood disorders. Erythrocytes are red blood cells. Normal ESR level for men under 50 years old: less than 15 mm/hr. Men over 50 years old: less than 20 mm/hr. Women under 50 years old: less than 20 mm/hr. Women over 50 years old: less than 30 mm/hr. Some types of infection that cause ESR test results to become higher than normal are bone infection. We also observed many activities in the laboratory like making recording of the test done in the day, uploading the tests done in the lab to the organization online database and observed other works 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	I was allotted in the pathology laboratory	observe the smearing Test	
Day - 2	I was allotted in the pathology laboratory	know about smearing	
Day - 3	I went to pathology laboratory	practised peripheral blood smearing	
Day - 4	I went to blood sample collection room	observed blood sample collection	
Day - 5	I went to the blood sample collection room	observed blood sample collection	
Day - 6	I went to the blood sample collection room	observed blood sample collection	







WEEKLY REPORT

WEEK - 4 (From Dt. 2/1/23... to Dt. 3/1/23...)

Objective of the Activity Done:

Detailed Report: In this entire forth week we were allotted to the again pathology Laboratory. And We observed the another test that is peripheral blood smear examination. Role of peripheral blood examination is evaluation of anemia, Evaluation of thrombocytosis, Identification of abnormal cells, Infection like malaria, A properly prepared blood smear is essential to accurate assesment of cellular morphology. first three days observed the process of smearing. From Day 4 to Day 6 of forth week. We done the smearing process by our own. And we also observed the slide which contains the the different types of cells under microscope which was held by the staff of pathology lab.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	I was allotted to the pathology lab	know about the sickleling process	
Day - 2	I went to pathology lab	know about sickleling	
Day - 3	I went to pathology lab	observed sickleling process	
Day - 4	I went to pathology lab	know about staining.	
Day - 5	I went to pathology lab	observed staining	
Day - 6	I went to pathology lab	practised staining.	

WEEKLY REPORT







WEEK - 5 (From Dt. 9/1/23... to Dt. 14/1/23...)

Objective of the Activity Done:

Detailed Report: In this fifth week we were allotted in the pathology lab/ Department. In this week first three days we observed the process of sickle cell test and the use of sickle cell test. After three days of fifth week we went to sample collection room and saw how to take a blood sample from the patients.

The sickle cell test looks for the abnormal haemoglobin in the blood that causes the disorder sickle cell disease. These sickle cell disease, sickle shaped red blood cells are present with sickle cell anemia, and stand out clearly against the normal round RBCs. In the sickle cell disease, the red blood cells become hard and sticky and look like a C-shaped farm tool called a sickle. And we also observed the process of staining also.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted in microbiology lab	observed the equipments in the lab	
Day -2	I went to microbiology laboratory	know about laboratory precautions	
Day -3	I went to microbiology laboratory	know about all the equipments in the lab	
Day -4	I went to microbiology lab	observed gram-staining technique	
Day -5	I went to microbiology lab	know about gram-staining Technique	
Day -6	I went to microbiology lab	know about the gram-staining technique	

WEEKLY REPORT

WEEK - 6 (From Dt. 16/1/23 to Dt. 21/1/23...)

Objective of the Activity Done:

Detailed Report: In the sixth week we are allotted in the microbiology lab. The first three days in the lab we observed the lab equipment which are used to perform various tests. We observed the Autoclave, Laminar Air flow, Incubator, Microscope. These are used for the process of sterilization. And other techniques.

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ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I went to microbio- -log. lab	observed Ziehl Neelsen technique	ul
Day -2	I went to microbiology lab	know about Neelsen technique	ul
Day -3	I went to microbiology lab	observed the preparation of Nutrient culture medium	ul
Day -4	I went to microbiology lab	know about The preparation of Nutrient culture med	ul
Day -5	I went to microbiology lab	observed the streaking technique	37/84 ul
Day -6	I went to microbiology lab	alloted for the washing equipment of the lab.	ul

WEEKLY REPORT

WEEK - 7 (From Dt. 23/1/23.. to Dt. 28/1/23.)

Objective of the Activity Done:

Detailed Report:

In the first two 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 bacilli are bright red after staining. (Gram positive bacteria appear crystal violet colour and gram negative bacteria appear pink (or) red in colour by counter staining). The next two days, we observed the preparation of nutrient culture medium.

It is used as an organic nitrogen source in microbiology culture media for cultivation of 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. The next day we observed the streaking technique used in microbiology for the isolation of single colonies of microorganisms. In the last day we observed the disposal of waste of lab in different types of dustbins. They are red, blue, green and yellow. Red for plastic wastage materials. Blue for all types of glass wastes, yellow for infectious wastes.

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted in serology department	observed the lab equipment	ll
Day -2	I went to serology lab	know about all the equipments in the lab	ll
Day -3	I went to serology lab	observed the HCV test kit	ll
Day -4	I went to the serology lab	know about the test equipments of HCV	ll
Day -5	I went to serology lab	observe the procedure of HCV	ll
Day -6	I went to serology lab	know about the procedure of HCV	ll

WEEKLY REPORT

WEEK - 8 (From Dt. 30/1/23 to Dt. 4/2/23...)

Objective of the Activity Done:

Detailed Report: In this entire ~~three~~ week I was allotted in the serology department. It was a polite meeting with staff in the lab. In the first two days, we observed the centrifuge, refrigerator etc. and the other instruments like micropipette, test tubes, burettes, flasks and other glass ware etc. The next two days in this week we observed the test in serology lab. That are procedure of HCV (Hepatitis C virus) test. 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 the serum. The serum is separated from the blood by the process of centrifugation. In this internship organization, they used a rapid invitro diagnostic test for HCV for qualitative detection of antibodies specific to HCV simultaneously in human serum (or) plasma. HCV patients have symptoms, such as pain in the abdomen, bleeding, bloating, fluid in the abdomen or nausea, whole body fatigue, fever or loss of appetite and swollen blood vessels in the skin or yellow skin and eyes.

ACTIVITY LOG FOR THE NINTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	I was allotted in The ICTC Centre	observed the counselling by counsellor	clay
Day - 2	I went to ICTC	know about the counselling details	clay
Day - 3	I went to ICTC	observe the HIV test kit and procedure	clay
Day - 4	I went to ICTC	know about HIV Test procedure	clay
Day - 5	I went to ICTC	observed MERI screen test	clay
Day - 6	I went to ICTC	know about MERI screen test	clay

WEEKLY REPORT

WEEK - 9 (From Dt. 6/3/23... to Dt. 11/02/23..)

Objective of the Activity Done:

Detailed Report:

In this entire ninth week, I was allotted in the I.C.T.C department (Integrated counselling and Testing centre). In this department, HIV Counsellor explained the role of his job and responsibility in ICTC. HIV and AIDS counselling has generate two aims. One is prevention of HIV transmission and The support of those affected directly and indirectly by HIV. Next two days, we observed the HIV lab equipments and other instruments. We observed different types of tests for HIV - Comb aid's test, it is a rapid, sensitive dot immuno assay test for the detection of HIV-1 and HIV-2 antibodies in human plasma/serum. It is the most accurate and reliable routinely used diagnostic HIV test. The next two days we observed the MERI screen test, it is a single used, immunochromatographic assay for the detection of antibodies specific to HIV-1 and HIV-2 in human serum. We also observed the signal HIV test is a flow through immuno dot test for qualitative detection of antibodies to HIV 1+2 in serum. These are the two tests done in this department.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted in the bio-chemistry lab	observed the equipment in the lab	@
Day -2	I went to biochemistry lab	observed the bilirubin test	@
Day -3	I went to biochemistry lab	know about bilirubin test	@
Day -4	I went to biochemistry lab	observed calcium Test	@
Day -5	I went to biochemistry lab	know about calcium Test	@
Day -6	I went to biochemistry lab	know about calcium test procedure	@







WEEKLY REPORT

WEEK - 10 (From Dt. 13/2/23 to Dt. 18/2/23)

Objective of the Activity Done:

Detailed Report: In this week, we were allotted to the bio-chemistry lab and observed the equipments in the bio-chemistry laboratory. In the first three days of this week, we observed the bilirubin test in the lab. It is a yellow pigment that is present in the blood and the stool. A bilirubin test determines the levels of bilirubin in the body. In this laboratory, 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 together with blood is called direct bilirubin. High bilirubin can involve jaundice, total bilirubin value is 0-0.4 mg/dl. In the last three days of this week, we observed the calcium test to measure the amount of calcium in your blood. If there is too much little calcium in the blood, it may be a sign of a wide range of medical conditions. Normal calcium value in the blood is 8-11 mg/dl.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I went to biochemistry lab	know about sample collection for Creatine Test	
Day -2	I went to biochemistry lab	observed the creatine test	
Day -3	I went to biochemistry lab	know about the creatine test	
Day -4	I went to biochemistry lab	know about uric acid details	
Day -5	I went to biochemistry lab	observe uric acid test	
Day -6	I went to biochemistry lab	know about uric acid test	

WEEKLY REPORT

WEEK - 11 (From Dt. 20/2/23 to Dt. 25/2/23)







Objective of the Activity Done:

Detailed Report:

In this week in the biochemistry lab we observed other many tests that are performed in the biochemistry laboratory. we observed the glucose and cholesterol tests. In the first three days, we observed the glucose test. First day we observed the fasting blood sugar test to measure the blood sugar after an over night of fasting, second day observed the glucose post preandial test to how the body responds to sugar and after you eat a meal. third day we observed the random glucose at a measure the amount of glucose circulating in the blood.

Normal value of glucose (fasting) test is 70-120 mg/dL and Normal value of Glucose (post premedial) is 80-160 mg/dL.

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I went to the biochemistry lab	observed glucose tests of different types	
Day -2	I went to The biochemistry lab	know about glucose test	
Day -3	I went to The biochemistry lab	know about details & reports of glucose test	
Day -4	I went to the biochemistry lab	observed cholesterol test	
Day -5	I went to The biochemistry lab	know about cholesterol Test	
Day -6	I went to the biochemistry lab	know about report and details of cholesterol test	

WEEKLY REPORT







WEEK - 12 (From Dt. 27/2/23 to Dt. 4/3/23-)

Objective of the Activity Done:

Detailed Report:

In this entire week in the biochemistry laboratory, we observed other many tests that are performed in the biochemistry laboratory. The first one is the total protein test to measure the amount of protein in the blood and its normal value is 8g/dl. The next test is albumin in the blood. The normal value of the albumin is 3.5-5 g/dl. The next test is the amylase test to measure the amount of amylase enzyme in the blood and its normal value is 22-80 IU/L. In the next day, we observed The triglycerids test to measure the amount of fat in your body called triglycerids. High temperature triglycerids may increase the risk of Heart attack. The amount normal value of triglycerides is 60-150 mg/dL. In the last day of this week, we observed the Urea Test to check the kidney function and its normal value is 15-40 mg/dL.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted in the gynic ward	Recorded details of patients	
Day -2	I went to the lab of gyanic lab	Recorded details of patients	
Day -3	I went to Gynic ward	Recorded details about patients	
Day -4	I went to Gynic ward	Recorded details about patients	
Day -5	I went to Gyanic ward	Recorded details of patients	
Day -6	I went to Gyanic ward	Recorded details of patients	

WEEKLY REPORT

WEEK - 13 (From Dt. 6/3/23.. to Dt. 11/3/23..)

Objective of the Activity Done:

Detailed Report: In this entire week, I was allotted in the lab present in the gynec ward. In this lab, all tests were done belonging to pathology, microbiology and biochemistry tests only to the pregnant women. In this entire week, I collected all the details of each and every patient who is pregnant to come this ward for tests. I wrote all the details about pregnant women such as their name, husband name, address, aadhar Number, LMS date etc for the records. Mainly two tests were done more frequently for pregnant women in this lab. One is urine test and the second one is Glucose test. During the glucose test I helped in the mixing of glucose to the water for the required level and give it to the pregnant women for the tests. I carried out their blood samples in the laboratory. Many people came to this gynec ward. I recorded all the details of pregnant women and report the number to the faculty.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	I was allotted to The vaccination centre	Recorded the details about children vaccination	Jay P.H.N
Day -2	I went to vaccination centre	Recorded the details about children vaccination	Jay P.H.N
Day -3	I went to vaccination centre	Recorded the details about children vaccination	Jay P.H.N
Day -4	I went to vaccination centre	Recorded the details about children vaccination	Jay P.H.N
Day -5	I went to vaccination centre	Recorded the details about children vaccination	Jay P.H.N
Day -6	I went to vaccination centre	Recorded the details about children vaccination	Jay P.H.N

WEEKLY REPORT

WEEK - 14 (From Dt. 13/3/23 to Dt. 18/3/23)

Objective of the Activity Done:

Detailed Report: In this entire week, I was allotted in the Vaccination Centre. This vaccination centre is mainly for the children. Not only children medical faculty also came to here for the Hepatitis-B Vaccine. So Hepatitis-B vaccine also available for the medical faculty and students. In the first 2 days, we introduced our self to The head nurses of This centre. Babies from The born days^{to} the children at the age of 16 were came to this department for vaccination. New born babies are come here for the BCG Vaccine. We recorded all the details of children who had came for the vaccination centre mostly new born babies from this GH and other hospitals came here for BCG. Third day of This week, wednesday many people came for The hepatitis-B Vaccine. I recorded all the details about that students and faculty. The last day of This week is saturday - it is meant for vaccination to the children. Many people were come maximum wednesday and thursday for the vaccination.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	I went to vaccination centre	Recorded details about children vaccination	J. Up P. Hn
Day - 2	I went to Vaccination centre	Recorded the details about children vaccination	J. Up P. Hn
Day - 3	I went to Vaccination centre	Recorded the details about children vaccination	J. Up P. Hn
Day - 4	I went to Vaccination centre	Recorded The details about children vaccination	J. Up P. Hn
Day - 5	I went to vaccination centre	Recorded the details about children vaccination	J. Up P. Hn
Day - 6	I went to vaccination centre	Recorded the details about children vaccination	J. Up P. Hn

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In this entire week, I was allotted in the same vaccination centre. Observed the all types of vaccines and record all the details and we give final report about that details recorded in the record book to the higher faculty. BCG Vaccine is used to new born babies. BCG, OPV, Hepatitis-B Vaccines are injected to the new born babies. For 6 weeks children - OPV-1 injected, for 10 weeks babies - opv-2nd dose is injected, for 14 weeks babies opv-3rd dose, penta-3, Rota-3 is injected for 9 months babies - measles-1, JE-1, Vit-A are used, vitamin-A is a syrup which was given to the baby by oral. These are all the 1st year Vaccines. For 16-24 months ~~the~~ children, DPT-1 booster, OPV booster, MR-2, JE-2 are given. For 5-6 years children, vit-A₂, DPT-2 booster are injected, for 10 yrs children, TT-1 is used for 16 yrs children. TT₂ is injected for the pregnant women - TD two doses were given. One is after confirmation of pregnancy. another one is after one of 1st dose. These details were ~~gcomb~~ recorded in Hospital record & in mcp card.

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 work environment of GGH is very excellent. They provide good patient care and receiving increasing attention. The people who worked in The GGH are very friendly and treat patient with great patience. There are many facilities available for the patients with free of cost. Because it is under government. They maintain good health and surrounds keep clean & neat. They maintain discipline in their environment. The faculty advises us about or future plans and job rules in the medical sector. They maintain time management. I had worked most of the time in the laboratory of the hospital. I have trained and examined many things like tests and medical procedures by the faculty.

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

Many technical skills which are related to medical departments that are acquired are communication skills for developing communication between one to another people.

We have acquired ~~brav~~ problem solving is one of the central parts of working in hospitality because we have to be able to identify the problems. To succeed in the medical department, we need to have a strong set of soft skills. Skills are all of the behaviour, tools and knowledge that allow service to develop a positive relationship in between patients and medical faculty. Patience is the way and key skill needed to be able to dedicate themselves to resolving an issue or treat to patience. Positivity is also a skill which has to develop attitude. The ability to maintain a positive and outgoing attitude discipline your surroundings in an demanding skill for hospitality jobs.

Empathy- being able to understand others feelings using empathy and compassion is essential for recognizing the underlying issues patients face and resolving them in an appropriate way.

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 some managerial skills that we had acquired from medical department. We learned about proper planning of a work. We maintain leadership in a group and it is very important for unity of the team. We develop teamwork among ourselves - we follow each other's instructions. We developed a well-disciplined behaviour by the Internship in medical environment. We have developed punctuality and proper usage of time. We have developed our own decision making skills and we performed the same as a medical students, we have worked with them. They treat us some as their friends. We have kept a lot of observation on everything important for our weekly work. We all discuss about do's and don'ts in our working environment. We kept our goals for the future journey. We also have developed decision making skills which are essential for the future.

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 our communication skills in the medical department. we used elements of non-verbal communication such as ~~forgot~~^{facial} expression, eye contact, body language, gestures, posture and tone of voice. Simply can go to a long way, we can used to show interest in what the patient is saying by maintaining eye contact and nodding, your reproth head. It enables healthcare provides to establish rapport with their patients.

It can be tool for that transforms the quality of care, which an ultimately improve patient outcomes. Lack of communication, confidence levels with communicating, anxiety management, understanding others, getting understood by others, ability to articulate they key points, closing the conversation, maintaining protocols, thanking and appreciating others.

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

The government has taken a big leap on implementing technology in medical system to empty digital and medical modern technological.

The RIMS hospital, Srikakulam was well maintained sophisticated devices in the procedure.

I have enhance my abilities in group discussions. I had to practice before discussion. I had improve my speaking and reasoning skills and practical active listening. And in maintained polite nature. one of the best ways to encourage participation and engagement with team, that prompt reflection, analysis or discussion and active listening to speakers. I also improved team leader skills - offering a help to team members, being supportive and encouraging, praising team members.

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 General Hospital (GGH), Srikanthapur has many technological developments.

They maintained very well and sophisticated devices in the procedures. More specifically, medical technology development can be desired as multi-stage process through which a new biological or chemical agent, prototype medical device or experimental procedure is technically modified and chemically evaluated until it is considered ready for general use. Here, each and every department has various many advanced equipments also available in this hospital. The departments such as pathology, microbiology, biochemistry have various equipments and scan and x-ray rooms have very specialized devices to diagnose patients. Very latest and advanced machineries are available here.

Student Self Evaluation of the Short-Term Internship

Student Name: G. Kalyani

Registration No: 2022001049028

Term of Internship: From: 12-12-2022 To: 18-3-2023

Date of Evaluation:

Organization Name & Address:

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:

G. Kalyani
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: G. kalyani

Registration No: 2022001049028

Term of Internship: From: 12-12-2022 To: 18-3-2023

Date of Evaluation:

Organization Name & Address: GGH, Balaga, Srikakulam

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:


Signature of the Supervisor

EVALUATION

Internal & External Evaluation for Semester Internship

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

- There shall be both internal evaluation and external evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks
- The number of credits assigned is 12. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings for Internal Evaluation shall be:
 - Activity Log 10 marks
 - Internship Evaluation 30 marks
 - Oral Presentation 10 marks
- The weightings for External Evaluation shall be:
 - Internship Evaluation 100 marks
 - Viva-Voce 50 marks
- The External Evaluation shall be conducted by an Evaluation Committee comprising of the Principal, Faculty Guide, Internal Expert and External Expert nominated by the affiliating University. The Evaluation Committee shall also consider the grading given by the Supervisor of the Intern Organization.
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration

the individual student's involvement in the assigned work.

- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: G. kalyani

Programme of Study: medical Department

Year of Study: 2020-2023

Group: BSc (BZC)

Register No/H.T. No: 2022001049028

Name of the College: GDC (men), Srikalulam

University: Ambedkar University

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

Date:

Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: G. Kalyani

Programme of Study: medical

Year of Study: 2022-2023

Group: BSc (BZC) - III year

Register No/ILT. No: 2022001049028

Name of the College: Govt. Degree college (men), Srikakulam

University: Ambedkar University

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

Signature of the Faculty Guide



Signature of the Internal Expert



Professor & HOD
Department of Biochemistry
Government Medical College
Srikakulam-532001

Signature of the External Expert

Signature of the Principal with Seal