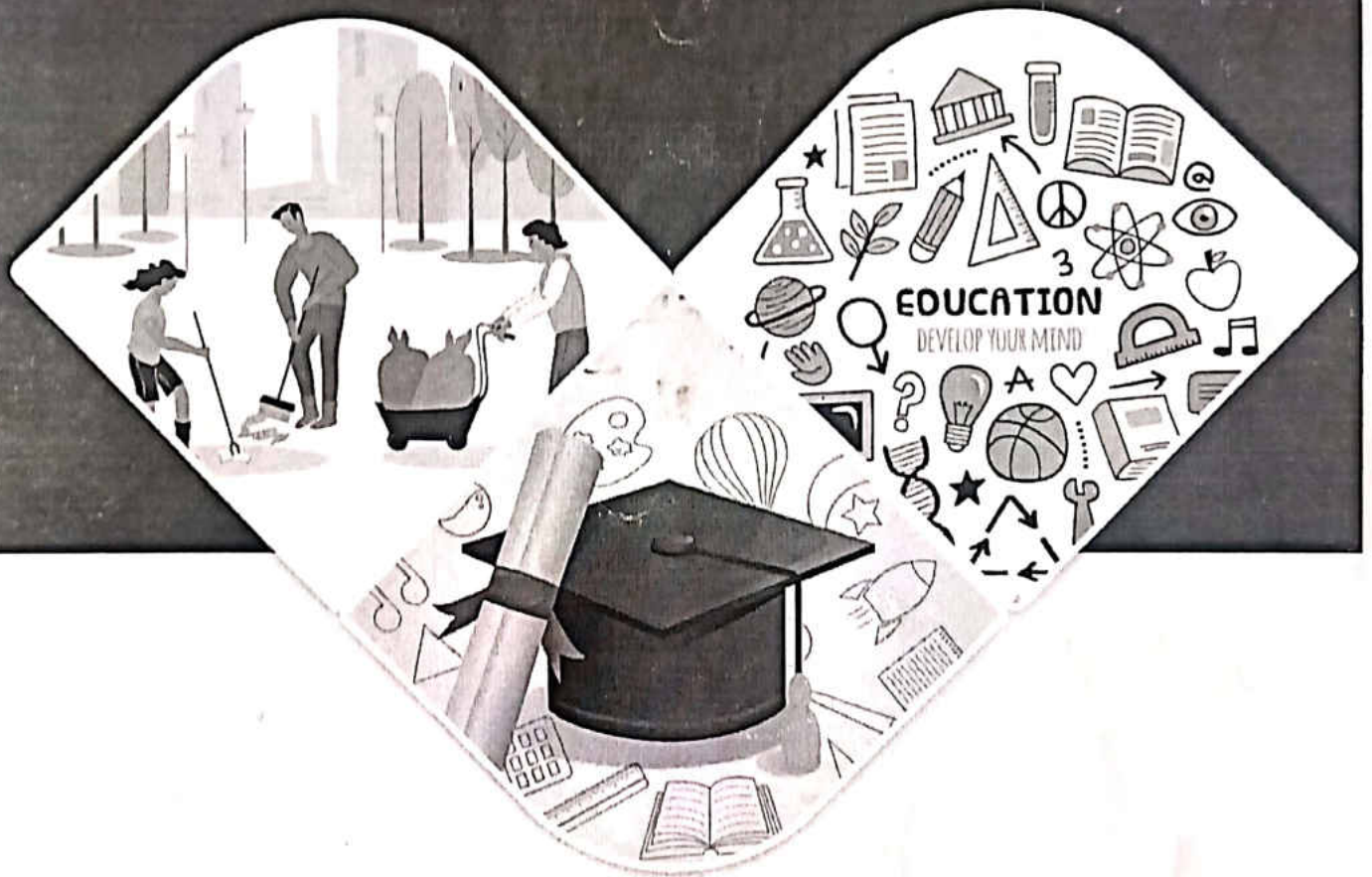


# Model Program Book



## 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: Vee raghtlam. poornima

Name of the College: Govt degree college (M.E.N) Sirkakulam

Registration Number: 2022001056029

Period of Internship: From: 7<sup>th</sup> Dec 2022 To: 18<sup>th</sup> March 2023

Name & Address of the Intern Organization

Ambedkar **University**  
YEAR

## An Internship Report on

Govt General Hospital

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

III CBMB

Under the Faculty Guideship of

D. Ravindra

(Name of the Faculty Guide)

Department of

Govt degree college (MEN) Srikakulam

(Name of the College)

Submitted by:

V. Poonima

(Name of the Student)

Reg.No: 8022001056029

Department of \_\_\_\_\_

Govt degree college (MEN) Srikakulam

(Name of the College)

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## Student's Declaration

I, V. poornima a student of BSc(CBMB) FM  
Program, Reg. No. 2022001056029 of the Department of Govt degree college  
College do hereby declare that I have completed the mandatory internship  
from 7<sup>th</sup> Dec 2022 to 18<sup>th</sup> March 2023 in GGH (Balaga) SKLM (Name of  
the intern organization) under the Faculty Guideship of  
CBMB (FM) D. Ravindra (Name of the Faculty Guide), Department of  
Botany, Govt degree college Men SKLM  
(Name of the College)

V. poornima  
(Signature and Date)

## Official Certification

This is to certify that V. poornima (Name of the student) Reg. No. 2022001056029 has completed his/her Internship in 44H Hospital SKLM (Name of the Intern Organization) on 44H Hospital (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (CBMB) (EM) in the Department of FDC (M) SKLM (Name of the College).

This is accepted for evaluation.

D. Ravi

(Signatory with Date and Seal)

### Endorsements

Faculty Guide D. Ravi

[Signature]  
Head of the Department

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

100%  
19/7/23

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## Certificate from Intern Organization

This is to certify that veeraghillam poornima (Name of the intern)  
Reg. No. 2022001056029 of GDC(MEN) Srikakulam (Name of the  
College) underwent internship in FIH - Srikakulam (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).

Dr. P. C.  
17/07/2023  
Dean of Bio Chemistry - Clinical Lab  
SRIKAKULAM

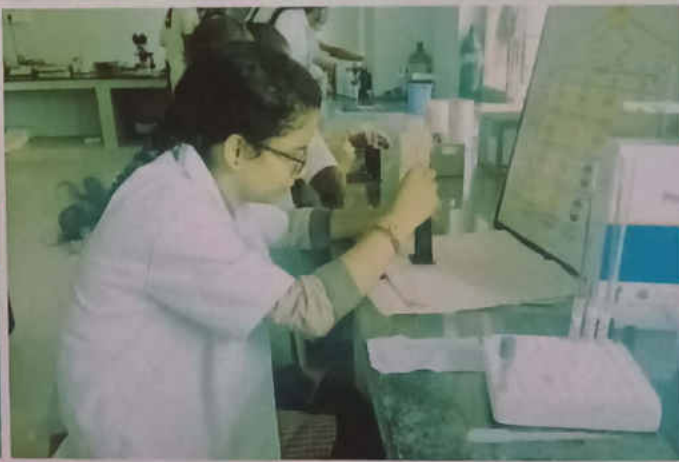
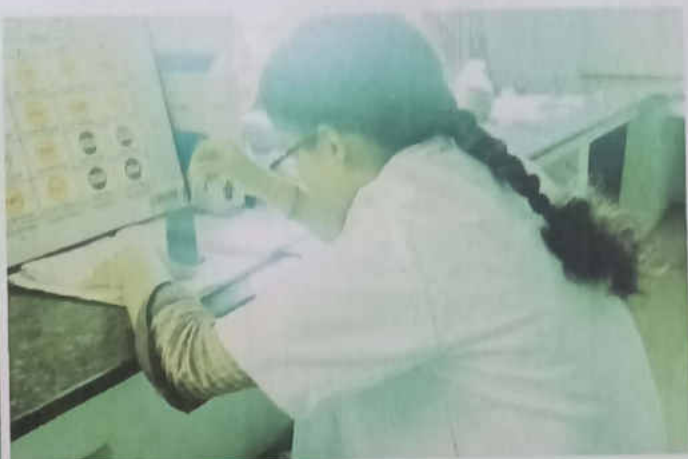
K. Sareela  
Authorized Signatory with Date and Seal  
Professor & HOD  
Department of Bio Chemistry  
Government Medical College  
SRIKAKULAM-532 001

19/7/23  
19/7/23

### Acknowledgements

- \* we are highly obliged to respected Dr. Shri Pola Bhaskar commissioner for providing a great opportunity for internship
- \* we are grateful to our Dr. P. Surekha, principal in GDCC(MEN) Sriakulam for her sincere encouragement towards internship
- \* we are thankful to Sri B. Mohan Rao coordinator for internship for his continuous coordination and communication with students.
- \* we are also grateful to Dr. R. <sup>Ravindra</sup> ~~Prameela~~ Lecturer in Botany for his continuous monitoring for the entire internship.

PMO, Asst professor, HOD & Lab technicians of GGH  
Thank you so much for giving the opportunity to complete my internship at GGH. I have learnt so much and appreciate the time you spent teaching me new skills and useful medical tests.



## 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 govt of A.P

After allotment I went to join at GGH srirakulam, After my joining I was assigned different works at different labs by HOD. of microbiology for the during 4 months subdivided into biochemistry 2 months, microbiology 2 months During my period I learnt a lot Dr. Tsriisha mam taughts us about the training techniques incubation etc. It was a very great Lecture and helpful for us. Theoretically we acquired knowledge given by Dr. TSreesha.

Practical knowledge we gain from lab technicians They showed as demonstration. I spent most of the time in labs. we involved in conducting tests I had conducted test like blood groupe, haemoglobin test and collected blood samples from the test From this work of internship in the medical department I had improved a lot by knowing about various medical tests and how to treat the patients with patience.

I am very much impressed by the faculty and lab technicians of the hospital and the interaction with the patients taught me a lot.

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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 GGH Soikakulam, medical department plays an important role in every sector. I observed many things in the hospital, different categorised faculty are in the hospital. The patience very well. My work & experience as a intern in hospital was very applicable I interacted with any senior faculty members.

I spend nearly 5hrs per day with the faculty in the lab of the hospital & I got to know the various medical machines which are used for various tests.

In my point of view the organisation, had worked was very good with full of patience with 100% well treatment & with well experienced and work alcoholic doctors & staff.

### 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 GGH Hospital Srikakulam in the department of education. I worked in the lab. I did many tests like PCR, electrolytes and total Blood count & Haemoglobin.

In the lab, there are many sectors & departments are held. They are Biochemistry, microbiology. There are many machines with high sophisticated techniques and tools are there for conducting various tests for patients very accurately. I did many tests with full of alertness and with full of self-caring during collection of samples & urine.

Due to this internship I got to know the various diseases & various tests & treatment for it to conduct and repeat 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 test done in the lab | I have learned the usage of lab equipment        | <u>SM</u>                  |
| Day -2     | we went to the serology lab and observed the test done in the lab | I have learned the usage of lab equipment.       | <u>SM</u>                  |
| Day -3     | we went to the serology lab and observed the test done in the lab | I have learned the usage of lab equipment        | <u>SM</u>                  |
| Day -4     | we went to the serology lab and observed the test done in the lab | I have observed the H.C.V (Hepatitis virus) test | <u>SM</u>                  |
| Day -5     | we went to the serology lab and observed the test done in the lab | I have observed the H.C.V test                   | <u>SM</u>                  |
| Day -6     | we went to the serology lab and observed the test done in the lab | I have observed the H.C.V test                   | <u>SM</u>                  |

## 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, refrigerator etc., and other instruments like micropipette, test tubes, beurette flask and other glassware etc. And the last three days in the week we observed the test procedure of H.C.V test in the 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 this internship organization they use a rapid in vitro diagnostic test for HCV for qualitative detection of antibodies specific to HCV simultaneously in human serum (or) plasma.

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# 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                     | <u>Sy</u>                  |
| Day -2     | We went to the serology lab and observed the tests done in the lab | I have observed the malaria test                     | <u>Sy</u>                  |
| Day -3     | We went to the serology lab and observed the tests done in the lab | I have observed the malaria test                     | <u>Sy</u>                  |
| Day -4     | We went to the serology lab and observed the tests done in the lab | I have observed the malaria test                     | <u>Sy</u>                  |
| Day -5     | We went to the serology lab and observed the tests done in the lab | I have observed the malaria test                     | <u>Sy</u>                  |
| 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. | <u>Sy</u>                  |

## 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 organisation 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 parasite. Parasites that cause malaria are passed to human through the bite of infected mosquito. Malaria is common in tropical and subtropical areas. So, malaria tests are regularly conducted in the organisation. CRP test is a C-reactive protein test measures the level of C-reactive protein in a sample of your blood. CRP is a protein that your liver makes. ACRP test can show whether you have inflammation in your body and how much. Hence this test also conducted in the organization. These are the two tests conducted this week.

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### 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                           | <u>Suf</u>                 |
| Day -2     | we went to the serology lab observed the tests done in the lab     | I have observed the CRP test                             | <u>Suf</u>                 |
| Day -3     | we went to the serology lab and observed the tests done in the lab | I have observed the CRP Test                             | <u>Suf</u>                 |
| Day -4     | we went to the serology lab and observed the tests done in the lab | I have observed HBsAg (Hepatitis B surface Antigen) test | <u>Suf</u>                 |
| Day -5     | We went to the serology lab and observed the tests done in the lab | I have observed the ABsAg test                           | <u>Suf</u>                 |
| Day -6     | we went to the serology lab and observed the tests done in the lab | I have observed the HBsAg test                           | <u>Suf</u>                 |

## 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 CRP test and the next last three days observed the HBsAg test. As 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 is a rapid invitro 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 viral infection that attacks the liver. They also provide free medicine and free vaccines, for this infection. we also observed many activities in the Laboratory like cleaning the lab, making recording of the tests done in the day, uploading the tests done in the day, uploading the tests the lab to the organization online database. and observed others works done in the lab.

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### 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 in filter) test | <u>Sef</u>                 |
| Day -2     | we went to the serology lab and observed the tests done in the lab. | I have observed the ASO test                               | <u>Sef</u>                 |
| Day -3     | we went to the serology lab and observed the tests done in the lab  | I have observed the ASO Test                               | <u>Sef</u>                 |
| Day -4     | we went to the serology lab and observed the tests done in the lab  | I have observed the widal test                             | <u>Sef</u>                 |
| Day -5     | we went to the serology lab and observed the tests done in the lab  | I have observed the widal test                             | <u>Sef</u>                 |
| Day -6     | we went to the serology lab and observed the tests done in the lab  | I have observed the widal test                             | <u>Sef</u>                 |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In this entire forth week we are 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 in children under the age 5, the value is below 100. In the last three days of the week we observed the widal test. It is an advanced way 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.

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### 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 | M. Y. M. M. M.             |
| Day - 2    | We went to the I. C. T. C department and observed the counsellor giving counselling | I have observed the counsellor giving counselling to the patients | M. Y. M. M. M.             |
| Day - 3    | We went to the I. C. T. C department and observed the counselling                   | I have observed the counsellor giving counselling to the patients | M. Y. M. M. M.             |
| Day - 4    | We went to the I. C. T. C department and observed the counselling                   | I have observed the counsellor giving counselling to the patients | M. Y. M. M. M.             |
| Day - 5    | We went to the I. C. T. C department and observed the counselling                   | I observed the counsellor giving counselling to the patients      | M. Y. M. M. M.             |
| Day - 6    | We went to the I. C. T. C department and observed the counselling                   | I have observed the counsellor giving counselling to the patients | M. Y. M. M. M.             |

## 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. department. In this department we were introduced ourselves to HIV counsellor and he explained the role of his job in the ICTC. 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. own feelings the patients rapport establishment with them, showing empathy, listening to them, non-judgemental attitude with the patients following them.

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# 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 H.I.V (Human Immunodeficiency virus) test lab and observed the tests | I have observed different types of HIV tests performed in the lab | M. H. M. M. M.             |
| Day -2     | We went to the H.I.V testing lab and observed the tests done in the lab             | I have observed the COMB AIDS rapid test                          | M. H. M. M. M.             |
| Day -3     | We went to the H.I.V testing lab and observed the tests done in the lab             | I have observed the COMB AIDS rapid test                          | M. H. M. M. M.             |
| Day -4     | We went to the H.I.V testing lab and observed the tests done in the lab             | I have observed the COMB AIDS rapid test                          | M. H. M. M. M.             |
| Day -5     | 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                        | M. H. M. M. M.             |
| Day -6     | We went to the HIV testing lab and observed the tests done in the lab               | I have observed the MERI SCREEN Rapid test.                       | M. H. M. M. M.             |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In the 6<sup>th</sup> week we were allotted in the HIV (Human Immuno-deficiency virus) testing lab. In the day one we observed the lab equipment and other instruments. we observed different types of tests for HIV diseases. The next three days we observed the comb aids 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 MERISCREEN HIV test. It is a single used, immunochromatographic assay for detection of antibodies specific to HIV-I and HIV-II in human serum, plasma and whole blood. These are the tests are observed in this week.

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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     | 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 | M. Nkomo                   |
| 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 | M. Nkomo                   |
| 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        | M. Nkomo                   |
| 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        | M. Nkomo                   |
| 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        | M. Nkomo                   |
| 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.       | M. Nkomo                   |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In this entire 7th week we were allotted to the HIV testing lab and it is in the ICTC department. In the first two days we observed the MERI screen test as described in the last week it is a single used immunochromatographic assay for the detection of antibodies specific to HIV-I and HIV-II 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 H<sub>2</sub> is serum (or) plasma rapid visual two dot assay with inbuilt control dot these are the tests done in the organization.

### 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 instrument in the lab | <i>chao</i>                |
| Day -2     | we went to the microbiology lab and observed the tests done in the lab | I have observed the lab equipment and the instrument in the lab | <i>chao</i>                |
| Day -3     | we went to the microbiology lab and observed the tests done in the lab | I have observed the lab equipment and the instrument in the lab | <i>chao</i>                |
| Day -4     | we went to the microbiology lab and observed the tests done in the lab | I have observed the laminar air flow chamber                    | <i>chao</i>                |
| Day -5     | we went to the microbiology lab and observed the tests done in the lab | I have observed the incubator and autoclave                     | <i>chao</i>                |
| Day -6     | we went to the microbiology lab and observed the tests done in the lab | I have observed the gram-stain technique.                       | <i>chao</i>                |

## WEEKLY REPORT

WEEK - 8 (From Dt..... to Dt: Dt.....)

Objective of the Activity Done:

Detailed Report:

In the entire 8<sup>th</sup> 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 called laminar air-flow cabinet. It is a carefully enclosed bench designed to prevent contamination of semiconductor wafers, biological samples, any practical sensitive materials. Air is filtered by HEPA filter and blown in a very smooth, laminar flow towards the user. It may have a UV-C germicidal lamp to sterilize the interior before usage.

### ACTIVITY LOG FOR THE NINETH 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 fram-stain technique          | <i>claw</i>                |
| Day - 2    | we went to the microbiology lab and observed the tests done in the lab | I have observed the fram - stain technique        | <i>claw</i>                |
| Day - 3    | we went to the microbiology lab and observed the tests done in the lab | I have observed the fram-stain technique          | <i>claw</i>                |
| Day - 4    | we went to the microbiology lab and observed the tests done in the lab | I have observed the ziehl-Neelsen stain technique | <i>claw</i>                |
| Day - 5    | we went to the microbiology lab and observed the tests done in the lab | I have observed the ziehl-Neelsen stain technique | <i>claw</i>                |
| Day - 6    | we went to the microbiology lab and observed the tests done in the lab | I have observed the ziehl-Neelsen-stain technique | <i>claw</i>                |

## 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-stain technique. It is a method of staining used to classify bacterial species into two large groups: Gram-positive bacteria and Gram-negative bacteria. Gram staining 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 tool in the hospitals and in the lab. 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 positive are bright red after staining.

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# 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                    | <i>class</i>               |
| 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                    | <i>class</i>               |
| 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                           | <i>class</i>               |
| Day - 4    | we went to the microbiology lab and observed and the tests done in the lab | I have observed different dust bin for different types of bio-medical wastes. | <i>class</i>               |
| Day - 5    | we went to the microbiology lab and observed the tests done in the lab     | I have observed different dust bins for different types of bio-medical wastes | <i>class</i>               |
| Day - 6    | we went to the microbiology lab and observed the tests done in the lab     | I have observed different dust bins for different types of bio-medical wastes | <i>class</i>               |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In this week 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. peptone is used in the culture media. In the third day we observed the streaking technique used in microbiology either from a mixed species or from a single species. In the last three days we observed the disposal of waste in different types of dust bins. There are many types of dust bins, there are many types but generally three-four types are used in the organization.

Page No

# 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 |    |
| Day -2     | we were allotted to the blood sample collection area | I have learned the method to collect blood from the patient |    |
| Day -3     | we were allotted to the blood sample collection area | I have learned the method to collect blood from the patient |  |
| Day -4     | we were allotted to the blood sample collection area | I have learned the method to collect blood from the patient |  |
| Day -5     | we were allotted to the blood sample collection area | I have learned the method to collect blood from the patient |  |
| Day -6     | we were allotted to the blood sample collection area | I have learned the method of collect blood from the patient |  |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

In this entire week we were allotted in the blood sample collection area here the patients need to undergo blood tests we have to give their blood. Firstly the patients details were 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 patients number and then these samples were sent to the according to the type of test required. here also the patients id no is recorded generally 3ml and 5ml syringes are used in the organization.

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### 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 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 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 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 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 are allotted to the Biochemistry lab, and observed the equipments in the laboratory. In the first three days of week we observed the Bilirubin test in the lab, it is a yellow pigment that is in blood and stool. A bilirubin test determines the levels of bilirubin in the body. In the organisms they test for direct bilirubin by the liver to glucuronic acid is called direct bilirubin and for total bilirubin. All the bilirubin in your body blood together is called total bilirubin. High bilirubin can involve in a disease. Total bilirubin normal value is 0.2 - 1 mg/dL and direct 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 (or) too 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 THIRTEENTH WEEK

| Day & Date | Brief description of the daily activity                                           | Learning Outcome                               | Person In-Charge Signature                                                            |
|------------|-----------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------|
| Day - 1    | We were allotted to the Biochemistry lab and we observed the test done in the lab | I have observed the process of creatinine test |    |
| Day - 2    | We are allotted to the Biochemistry lab and we observed the test done in the lab  | I have observed the process of creatinine test |    |
| Day - 3    | We are allotted to the Biochemistry lab and we observed the test done in the lab  | I have observed the process of creatinine test |  |
| Day - 4    | We are allotted to the Biochemistry lab and we observed the test done in the lab  | I have observed the uric acid test             |  |
| Day - 5    | We are allotted to the Biochemistry lab and we observed the test done in the lab  | I have observed the uric acid test             |  |
| Day - 6    | We are allotted to the Biochemistry lab and we observed the test 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 we observed the Creatinine test, it is a measure to know how well your kidneys were 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 out of the blood. Creatinine exists 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 we observed the uric acid test. It measures the amount of 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 die. High uric acid in blood form needle shaped crystals in and around joints. This condition is called gout. its normal value is 3.5-7 mg/dL

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# 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 Biochemistry lab and we observed the tests done in the lab | I have observed the Glucose test           |    |
| Day - 2    | We were allotted to the Biochemistry lab and we observed the tests done in the lab | I have observed the Glucose test           |    |
| Day - 3    | We were allotted to the Biochemistry lab and we observed the tests done in the lab | I have observed the Glucose test           |  |
| Day - 4    | We were allotted to the Biochemistry lab and we observed the tests done in the lab | I have observed the total cholesterol test |  |
| Day - 5    | We were allotted to the Biochemistry lab and we observed the tests done in the lab | I have observed the total cholesterol test |  |
| Day - 6    | We were allotted to the Biochemistry lab and we observed the tests done in the lab | I have observed the total cholesterol test |  |

## 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. First day we observed the fasting blood sugar test to measure the blood sugar after an overnight of fasting (not eating). Second day observed the glucose post prandial test to see how the body responds to sugar and starch 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 (fasting) is 70-126mg/dL and normal value (post prandial) is 80-160mg/dL and value of glucose (Random) is 70-140mg/dL. In the last three days of this week we observed the total cholesterol test - a measure of the total amount of cholesterol in the blood it includes LDL, HDL, VLDL, Triglycerides the normal value of total cholesterol is 150-250mg/dL.

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### 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 Biochemistry lab and we observed the tests done in the lab. | I have observed the total protein test         |    |
| Day -2     | We were allotted to the Biochemistry lab and we observed the tests                  | I have observed the total protein test         |    |
| Day -3     | We were allotted to the Biochemistry lab and we observed the tests                  | I have observed the total protein albumin test |  |
| Day -4     | We were allotted to the Biochemistry lab and we observed the tests                  | I have observed the total amylase test         |  |
| Day -5     | We were allotted to the Biochemistry lab and we observed the tests                  | I have observed the triglycerides test         |  |
| Day -6     | We were allotted to the Biochemistry lab and we observed the tests                  | I have observed the urea test                  |  |

## 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 g/L. Next test is Albumin test to measure the amount of albumin test to blood its normal value is 3.5-5 g/dL. The next level is the amylase test to measure the amount of amylase enzyme in the blood its normal value is 22-80 IU/L. In the next day we observed the Triglycerides test to measure the amount of fat in your blood called triglycerides. High triglycerides test to measure the amount of fat in your blood called triglycerides. High triglycerides may increase your risk for Heart attack (MI) stroke. Its normal value is 60-150 mg/dL. In the last of this week observed the urea test to check the kidney function and its normal value is 15-40 mg/dL.

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## 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 experience and environment is one of the aspects of intern quality addressed in this report

The people at GGH were welcomed me heartfully and with good interactive staff.

First and foremost I had worked most of the time in lab. I trained & examined many things like test and medical procedure and my lab sirs/madam explained and trained very well. We are the interns as born were very active and focussed in the work.

We were also given space for our process which made our internship very useful 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 known about how to my knowledge and skills into the practice. I learned how to communicate and build relations with the people I had been working.

We have got to know about the many things like different types of machinery tubes, tests etc., we acquired a lot of skills through this internship. I learned that concentration on work is very important as per During the processing of tests because a little mistake can lead to a lot of mess we have been working in the lab with the focused mind to prevent any mistakes.

**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 I have acquired from this internship. I have learned how to effectively and with the people offering the management skills is one of the contact aspect two as action scheduled with repeat to time and we divided into groups spreaded for different works like them at biochemistry and another than at sample collection point we arranged and schedule like this for productive use of time.

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 GGH 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 & to team learn more about every medical test and its we assigned to work & to team learn more about every medical test and its importance. At least first time we felt very tense but now are confident while communication understanding others.

We also can't get understanding by others we improved our speech skills from prepared level to extempore level we have developed from a student to an intern we also development so much of interacting skills.

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

Team work is one of the important and tough aspect to be done during in program

we as a intern of RIMS hospital formed as a team to enhance and improve our work in an efficient and time saving way.

we used to share our thought as a team and also our knowledge regarding the work every work one of us used to take.

Initiative as the team working as a team and as a bidel mode we know the know the importance of team work and work & time management.

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 leap step in implementing technological knowledge for students the RIMS hospital uses sophisticated devices in the lab the present system followed by our hospital is very enhanced and upgraded the equipment in lab are mostly latest updated versions

we have got to know to deal with the machinery they were easy to handle and easy to understand they are very important regarding the test and test results these devices play an important role in medical field these machinery helps to get test results in effective way and helps in time management.

### Student Self Evaluation of the Short-Term Internship

Student Name: V. poornima

Registration No: 2022001056029

Term of Internship: From: 7<sup>th</sup> Dec 2022 To: 18<sup>th</sup> march 2023

Date of Evaluation:

Organization Name & Address: fort 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:

V. Poornima  
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Page No

Student Name: V Poojima

Registration No: 2022001056029

Term of Internship: From: 7<sup>th</sup> Dec 2022 To: 18<sup>th</sup> March 2023

Date of Evaluation:

Organization Name & Address: Govt General Hospital, SKM

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:

K. Saeed  
Signature of the Supervisor

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## INTERNAL ASSESSMENT STATEMENT

Name Of the Student: V. Pooornima

Programme of Study: BSc Hospital

Year of Study: III

Group: III CBMB

Register No/H.T. No: 2022001056029

Name of the College: Govt degree college (MEN) Sriakulam

University: Dr. B.R. Ambedkar

| 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. Ravi

Signature of the Faculty Guide

Lecturer in BSc,  
Govt. Degree College  
SRIKULAM

## EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: V. Poornima  
Programme of Study: GGH Hospital  
Year of Study: III  
Group: CEMB  
Register No/H.T. No: 2022001056029  
Name of the College: Govt. degree college (MEN) Srikakulam  
University: Dr. B.R. Ambedkar

| 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. Sathya

Signature of the External Expert - 19/7/23

Signature of the Principal  
Principal  
Government Degree College (Men)  
SRIKAKULAM