

**FIELD PROJECT REPORT ON**  
***FUNCTIONING OF A LOCAL DIAGNOSTIC***

**AT**  
***RAPID DIAGNOSTICS AND CLINICS***

***A Report submitted***

*by*  
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**ELECTRONICS AND COMMUNICATION  
ENGINEERING  
INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

**Dundigal, Hyderabad - 500 043, Telangana**

**April, 2022**

## DECLARATION

I hereby declare that the FIELD PROJECT Report on *FUNCTIONING OF A LOCAL DIAGNOSTIC*. an authentic record of my own work as requirements of Minor FIELD PROJECT during the period from 23/04/22 to 30/04/22 for the award of degree of B.Tech. ELECTRONICS AND COMMUNICATION ENGINEERING, Institute of Aeronautical Engineering, Hyderabad, under the guidance.




Place:- Kondapur

Signature of the Student

Date: 30/04/2022

Roll No. 20951A0457

Certified that the above statement made by the student is correct to the best of our knowledge and belief



Signature

Head of the Department

Head of the Department  
Electronics and Communication Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043

# Rapid

*Clinics | Diagnostics | Pharmacy*

Date: 30-04-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Hari Krishna Sambhana having Roll no: 20951A0457 is a bonafied student of Institute of Aeronautical Engineering Dundigal, Hyderabad and has underwent a field visit in our organization from 23-04-2022 to 30-04-2022 as a part of partial fulfillment of the of the bachelor of CSE.

During his visit, he had interacted with different department of quality, patient nature, Equipment functioning etc. And acquired basic knowledge in these areas.

My regards

Managing Director

Rapid clinics diagnostics & pharmacy





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## 1. STUDENT DETAILS

Name of the Student	SAMBHANA HARI KRISHNA
Roll Number	20951A0457
Department	ELECTRONICS AND COMMUNICATION ENGINEERING
Year / Semester	IV
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## 2. MENTOR DETAILS

Name of the Mentor	PALLE GURUVAIAH
Organization	RAPID CLINIC AND DIAGNOSTICS
Designation	MANAGING DIRECTOR
Email ID	gmpalle@gmail.com
Mobile Number	9849914784

## 3. TITLE OF THE FIELD PROJECT

FIELD PROJECT WORK AT RAPID CLINICS DIAGNOSTICS AND PHARMACY

## 4. PURPOSE

- To understand functioning of a local private diagnostic
- To gain knowledge on a diagnostic center's internal affairs
- To develop interpersonal skills by interacting with random patients

## 5. OBJECTIVES

- Interaction with diagnostic center's management head to gather info regarding the functioning of the diagnostic centre.
- Discussion about equipment functionalities present at the clinic with a working nurse
- Gaining knowledge on the internal affairs of the diagnostic centre from working staff
- Communicating with random patients regarding their issues and their experience with the diagnostic.
- Helping patients to receive right treatment according to their conditions.

## **6. DESCRIPTION OF THE FIELD VISIT**

### **INTRODUCTION:**

The recent years have been tough for all the people due to the pandemic that caused many problems to the entire living. Hospitals, clinics, diagnostics and many medical departments have saved many lives. To understand the post covid situation, I have visited the diagnostics named Rapid Clinics and Diagnostics to gain knowledge on different aspects. In this field visit, I mainly focused on understanding the functioning of a diagnostic, gaining knowledge on a diagnostic's internal affairs and developing interpersonal skills by interacting with random patients.

### **BACKGROUND:**

The field I have visited is Rapid Clinic and Diagnostics, located at H.No. 2-41/14/1 Narsimha Yadav Complex, opp. Reliance Digital, Kondapur, Telangana 500084. During this project work, I have gained knowledge about the working and functions of a few equipment at the diagnostics, health issues of random patients visited and how the organization has helped the patients by treating and diagnosing their health issues.

### **NATURE OF WORK:**

The nature of work is based on complete awareness of a local private diagnostic center.

Aim of this field project is to interact with management and patients visiting the selected diagnostic center and to understand all the internal affairs and patient experience. Rapid clinic and diagnostic center is the selected field to execute my project work. It is located at H.No. 2-41/14/1 Narsimha Yadav Complex, opp. Reliance Digital, Kondapur, Telangana 500084.

By the end of the project work completion, I was able to understand the functioning of a local private diagnostic center, gain knowledge on a diagnostic center's internal affairs and developed interpersonal skills by interacting with random patients and management. This Rapid Clinic and Diagnostics functions as a diagnostic center combined with a clinic. It works daily with an outpatient number of 50-65 on average. This is a 3 day working project performed from 23/03/2022 to 25/03/2022. In these 3 days, I've met multiple personalities and gathered sufficient information to keenly understand the management and daily functioning of a local private diagnostic. This report is prepared after the field work and categorized into multiple case studies consisting of all the data gathered from each person I've met at the field.

### **CASE STUDY-1:**

The first case study is written about the interaction with the owner of the diagnostic center visited. Mr. Guruvaiha Pallu is the 46-year-old owner of this diagnostic center. He resides near the diagnostic center 2km away at Kondapur. He takes care of all the external affairs such as import of equipment and stock, financial affairs and management. I've talked to him about all these matters and came to know that he orders stock from a local supply agency. Staff works in 2 shifts per day. At the clinic, a nurse will be present all day and a doctor attends at 2 shifts i.e. morning and evening. Diagnostic and clinic timings are 9 a.m. to 11 p.m.



Doctor shifts are 10 a.m. - 2 p.m. and 6 p.m. to 9 p.m. On average , outpatient numbers are 50-65 per day. This diagnostic facilitates 80 different kinds of medical tests and multiple emergency support at clinics. This is the basic information I've collected from the diagnostic owner.

#### CASE STUDY-2:

This case study is about the discussion on equipment present at diagnosis with a working nurse. Ms. Maidhili is a working nurse at both diagnostic and clinic. She stays at the hostel nearby. She has completed her medical degree and is practicing nursing at this center. She explained to us about the blood pressure examiner used to monitor bp level, yuwell suction apparatus works in removing any impurities or hazardous substances from veins , Oxygen concentrators and all other sample collections equipment. She showed us collecting blood samples from a patient present at the clinic at that moment. She explained a lot about the day to day cases they deal with and all the basic medical precautions to be taken by her in any case.

#### CASE STUDY-3:-

This case study is about the internal affairs of diagnostic center and clinic with working staff at reception. Ms.K.Lalitha works as a receptionist at the diagnostic center and she also works in financial affairs and part of management. In my enquiry, I came to know that medical stock at the place is received every alternate by placing order at the agency. On average, 20-30 tests and scannings are done every day by the nursing staff. She takes care of all the equipment and stock work at the diagnostic and clinic. She attends a huge number of calls received every day and works on appointments, working at first shift. She mentioned that she gets paid 15k per month for all the duties.

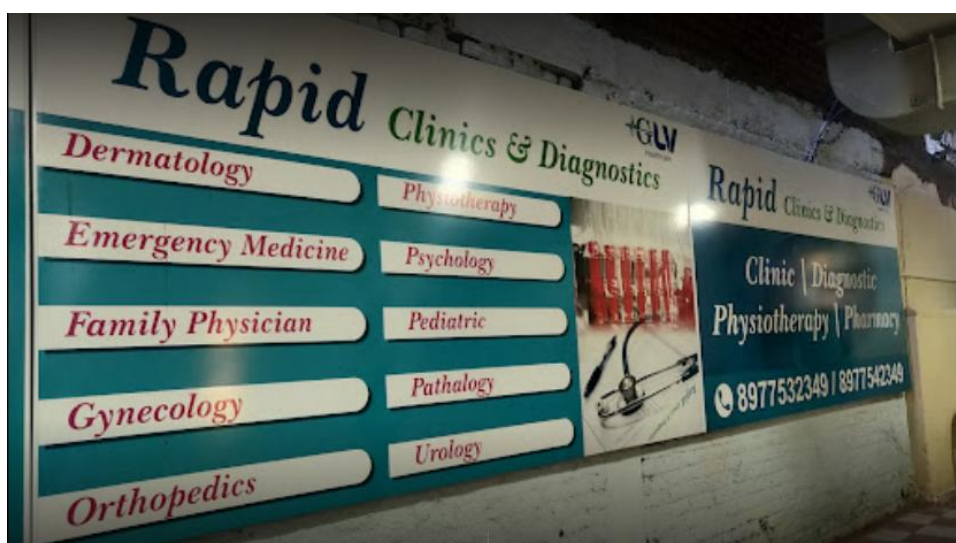
#### CASE STUDY-4:

This case study is about an interaction with a patient I've come across at the clinic. Mr. Dheeraj kumar is the patient of age 32 years old patient who was hospitalized. He resides at Kothaguda. He was given an insulin shot because of his abnormal sugar levels and was injected with a bottle of saline. His symptoms when he was hospitalized were irregular heartbeat, sweating, visual disturbances and loss of consciousness. He first visited the diagnostics to take a few tests and then approached the clinic for the treatment. While he was getting his treatment, I suggested him to take a few more additional tests for his safety.

#### CASE STUDY-5:-

This case study is about another patient interaction at the clinic. Mr. Bala Kumaran is one of the patients approaching this clinic. He is 41 years old . He resides at Madhapur. He was diagnosed with viral fever and has spoke to the doctor . He said that the doctor advised him to take preferred medication as a course and he was injected with 2 types of medicines. At first ,When I spoke to him, he was not ready for saline injection but I recommended that he get injected for glucose growth in his body. I have helped him to get convinced to take saline for glucose growth in blood.He was then injected 3 bottles of saline for maintaining glucose levels and hemoglobin growth medicine was mixed in it. He mentioned that he and his whole family has been visiting this clinic for medical support for a long time.

## 7. PHOTOS OF FIELD VISIT WITH DESCRIPTION



Img.1,2. Photos of field of project conduction

## 8. PROJECT DEPLOYMENT PHOTOS WITH DESCRIPTION



Imp.1.Discussion with nurse about diagnostic and clinic equipment working as mentioned in case study 2.



Img.2.Stock present at the clinic I was taught about.



Img.3.equipment i was taught about by nursing staff (yuwell suction apparatus)



Img.4.Two patients I've interacted with.(diabetic on my behind and the one with fever on my right)





Img.5. Working staff woman whom I've enquired about diagnostic's internal affairs as mentioned case study4.

## 9. CONCLUSIONS

I conclude my report on my field project conducted at Rapid Clinic and Diagnostics for 7 days written in form of multiple case studies consisting of interaction scenarios. With this project, I've gained medical knowledge, I was able to communicate with different people and develop my interpersonal skills, I came to know how a private diagnostic functions. At the end of the project work on 30/04/2022, I received a certificate of field project conduction at the diagnostic from the owner of the diagnostic, Mr.Guruvaiah Palle. For me, many unknown things have been cleared with this project work and I can clearly say that I have received a better outcome of it.



**Signature of the Student**

**Signature of the Mentor**

**Signature of the Head of the Department with Seal**



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