TIJOHN THOMAS

Malakkaran House

Veliyathukadavu Road

Chalakudy, Kerala, India

Pin – 680307.

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**Career Objective**

To pursue a highly rewarding career , seeking for a job in challenging and healthy work environment where I can utilize my wealth of knowledge and experience in the field of Biomedical Engineering for the organizational growth.

**Educational qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE** | **INSTITUTION** | **BOARD/**  **UNIVERSITY** | **YEAR**  **OF**  **COMPLETION** | **MARK/**  **CGPA** |
| B.Tech in Biomedical  Higher secondary  High School | Sahrdaya College Of Engineering & Technology, Kodakara  St.Sebastians H.S.S Kuttikad  Carmel H.S.S Chalakudy | Calicut University  Kerala Board  Kerala Board | 2012-2016  2012  2010 | 6.2/10  79%  75% |

**Experience**



* Currently working in Caregenic Medical Services Pvt Ltd as Service Engineer/Application/Sales.

Dealing Service of:

**Hematology:**

1. Horiba ABX Micros 60
2. Mindray 2300,2800,3600,20s
3. Sysmex poch-100, KX-21
4. Medonic Alpha(Swelab)

**Biochemistry:**

1. Mindray BA-88A
2. Agappe Mispa Plus,Excel,Neo,Viva
3. Biosystem BTS-350

**Electrolytes:**

1. Roche 9180
2. Starlyte III
3. Caretium XI-921
4. Easylyte

**ABG:**

1.Siemens RapidLab 348EX

* Worked in Agappe Diagnostics Ltd, for 1 and half year In Cochin area as Diagnostic Speacialist. Was dealing with Sales and Service of Reagents and Equipment of IVD.

Responsibilitys: Achieve Yearly, Quarterly, Monthly Target. Meeting Doctor's, Lab Technicians, discussing about products, introducing products profile, giving training of reagents, equipments, calibration of reagents, equipments, collection of pdc within time, Monthly meeting with distributors around the headquarter.

* Worked in St.James Hospital,Chalakudy as a Biomedical Engineer for 6 months.

**Technical Skills**

* MS Office, IVD Reagents Programming.

**Project Details**

* Mini Project

ANDROID BASED COMMUNICATION SYSTEM FOR MUTE, BLIND AND DEAF:

Communication between a person like Hellen Keller who was mute, blind, deaf and a normal person have always been a challenging task.This project makes use of touch sense organ for communication through a Braille kit. It is a speech to Braille and Braille to speech interpreter unit.These conversions are made possible with an android phone.

* Main Project

GESTURE CONVERSION SYSTEM FOR COMMUNICATION WITH THE DEAF AND MUTE:

Platform used : Matlab

Objective : This project covers the area of disabled persons who is deaf and

mute. Usually the deaf and mute ones convey their ideas and emotions using sign

language. But as far as a normal person is concerned he has to study the sign

language to understand what the person is trying to convey. So there is requirement

of a specially designed system which cross this communication barrier. There

comes the use of the project. Here a webcam is used to capture the real time image

of the hand gestures. It recognizes the gesture and the Matlab platform is used to

separate the gesture that matches with the sign language present in the library

which has been set up using the standard sign language. Then the system will

. display the corresponding alphabet on the screen after processing the image.

**Internship And Industrial Visits**

* 3 Days internship at Little Flower Hospital, Angamaly.
* Visited 3 industries during the period of course –Keltron Calicut , Skanray Healthcare Mysore, GE India.
* Done 3 hospital visits: Yashoda Hyderabad, Sapthagiri Bangalore & St.Johns Bangalore.

**Achievements**

* Best mini project award in SCET
* Got selection in final round of PPTI innovation award in SCMS
* Got selection in final round of Marian Award in Marian College
* Got selection in final round of Shristi Award in Saint Gitts College
* Got Best Paper Presentation Award in Christ Knowledge City.

**Personal profile**

Permanent Address : Malakkaran House

Veliyathukadavu Road

Chalakudy,

Kerala, India

Pin – 680307.

Father’s name : M.O Thomas

Date of Birth : 15th August 1994

Sex : Male

Religion : Christian RC

Marital Status : Married

Mother tongue : Malayalam

**Extracurricular activity**

* Sports,Games

**References**

* Mr. Jis Paul

Assistant Professor Biomedical Department,

Sahrdaya college of Engineering & Technology Kodakara,

e-mail : jisspaul79@gmail.com

Mob : 09995547018

* Mr.Sumesh Augustine

Manager Diagnostics Speacialist

Agappe Diagnostics Pvt Ltd

Mob: 9387384131

* Jimmy Joy

HOD Biomedical Department

St.James Hospital

Mob: 9946347886