

# AJUMAL HASSAN TT

## BIOMEDICAL ENGINEER

Contact No: +91 8075023319

Email: [hairulinsan5@gmail.com](mailto:hairulinsan5@gmail.com)

Address: Perumbuzhakaturamb, Cherukara, Olavanna,  
Calicut, Kerala, India, 673019



### CAREER OBJECTIVE

To able to work and grow professionally as Biomedical Engineer in a stable organization where I could demonstrate my expertise in biomedical products.

### PROFESSIONAL EXPERIENCE

#### **Aster MIMS Hospital, Calicut**

**Biomedical Engineer Trainee** 06/2022 – Present

##### *Key Roles:*

- Maintenance and troubleshooting of biomedical equipment clinically as well as technically.
- Handling technical & operational activities of installing biomedical equipment.
- Providing training to new nurse staffs on medical equipment installed in various departments like Operation theatre, ICUs, Dialysis, Radiology, Emergency medicine department etc.
- Maintain documentation for assigned departments.
- Updating the inventory of all type of medical equipment installed in the hospital.
- Coordination with service personnel of various medical equipment companies.
- Follow up the Preventive maintenance schedule and calibration schedules.
- Follow up with the vendor for any breakdown under annual maintenance contract equipment.
- Responsible for installation and condemnation of Biomedical Equipment.

### EDUCATIONAL QUALIFICATION

**2018 – 2022**

**B.E Biomedical Engineering**

**Hindusthan College Of Engineering and Technology**

**CGPA – 7.33**

**2015 – 2017**

**Higher Secondary**

**Board of Higher Secondary Examination, Kerala**

**Percentage – 80%**

### EQUIPMENT HANDLED

#### **Operation Theatre Equipment:**

Anaesthesia machine, OT Light, OT Table, Electro Surgery Units, Laproscopic Defibrillator, Harmonic scalpel, Surgical Microscopes, C-arm Ortho/Neuro drills, Sagittal saw, Sternum saw, CUSA etc.

## **ICU Equipment:**

Ventilators [Adult, Paed&Neo], Multipara monitor, Defibrillator, Nitric Oxide System, Syringe pump, Infusion pump, Fluid warmer, Body warmer, Nebuliser, BIPAP/CPAP, Electric bed, Radiant warmer, CTG machine, Fetal Dopler, Portable ultrasound, HFNC, Humidifier, Ultraneb, ECG Machine etc.

## **Radiology / Lab / Others**

X-ray, CT, MRI, Portable X-ray, DSA, Pressure injector, PET, SPECT Immuno assay analysers, ABG machine, Autoclave, Biosafety Cabinet, Centrifuge, Blood collection Monitor, EEG, Dialysis machine, Glucometer, BP apparatus (manual&aneroid), weighing scales etc.

## **INTERSHIP**

*01/03/2021 – 10/03/2021*

**Bangalore Medical Systems Pvt Ltd, Bangalore**

Biomedical Technician Trainee

*06/12/2019 – 11/12/2019*

**Baby Memorial Hospital, Calicut**

Clinical Engineering Trainee

## **PROJECTS**

**Main Project:** An Approach Without Frequency Interference LIFI Based Infant Health Monitoring System For Hospitals

**Mini Project:** Biomarkers of Parkinson's Disease.

## **CERTIFICATION & ACHIEVEMENTS**

- Certified on Business English Preliminary in English ESOL International from Cambridge Assessment
- Certified on Biomedical Visualization by Coursera
- Certified on Cloud Based Cancer Diagnosis in IP Literacy & Awareness
- Certified on MATLAB & Machine Learning on Mathworks Training
- Certified on ICT Learnathon 2021

## **LANGUAGE PROFICIENCY**

- English (Professional Working Proficiency)
- Arabic (Limited Working Proficiency)
- Malayalam (Native Language)
- Hindi & Tamil (Limited Working Proficiency)

## **KEY SKILLS**

- Matlab
- Microsoft Excel
- Microsoft Word

## **REFERENCE**

- Mr. Aneesh C Jose  
Sr. Manager, Biomedical Engineering Department, Aster MIMS Hospital, Calicut.  
Contact No: +91 9847031531
- Mr. Akhilesh PK  
Sr. Biomedical Engineer, Aster MIMS Hospital, Calicut.  
Contact No: +91 7403763735