

**BLAZE VARGHESE**

Manimala, kottayam (dt), KERALA 686544

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**Career Objective:**

To be able to work as Biomedical Engineer in a world class organization where my demonstrated skills in biomedical electronic systems and other technical equipments will be greatly challenged in achieving the company's goals and objectives in developing solutions to health problems.

**Summary:**

A strong interest in engineering and medicine with well-trained under Faber Sindoori Management Services Private Limited at Apollo main Hospital greams road, Apollo speciality cancer hospital teynampet, Apollo first med hospitals, kilpauk , Apollo speciality hospital OMR and Apollo childrens hospital,thousand lights(chennai region) also from kerala at kerala institute of medical science,Trivandrum and pushpagiri medical college hospital,tiruvalla. 1 **year** of experience in reputed group of JCIA Hospitals and Healthcare Industries worked (trained) as a **Biomedical Engineer** in **above** Hospitals in Chennai and kerala region.

**Skills:**

- Maintain all type of biomedical equipments
- Maintenance and troubleshooting of biomedical equipments clinically as well as technically.
- Handling technical & operational activities of installing biomedical equipments.
- Provide training to new nursing staff on medical equipments installed in ICU.
- Maintain the documentation for biomedical equipments.
- Updating the inventory of all types of medical equipments installed in the hospital.
- Coordination with service personnel of various medical equipment companies.
- Follow up the Preventive maintenance and calibration schedule for medical equipment.
- To follow up with the vendors for any breakdown under annual maintenance contract
- Update the aging list on daily basis for medical equipment.
- Meet with In-charges of critical care departments on daily basis.
- Responsible & accountable for overall Operation of Biomedical Engineering Department.
- Good knowledge in Electric safety of IEC 60601.
- Good Knowledge in NABL ISO15189, ISO 13485, ISO 14971, ISO 9001

**Educational qualification:**

1. Diploma in Biomedical Engineering, Gov. Polytechnic College, Vechoochira, Pathanamthitta, (Kerala Technical University) 2013
2. B.E Biomedical Engineering, Dhanalakshmi Srinivasan Engineering College, Perambalur, Trichy (Anna University) 2019

**Career Responsibility** : Service and Calibrate of Bio-Medical Equipments, PPM, Bio-Medical equipment PCB's trouble shooting.

## **Bio Medical Experience in Apollo Hospitals Chennai, Pushpagiri Medical College & TVM KIMS:**

- Performed Corrective Maintenance & Preventive Maintenance of all Medical Equipment's, maintain equipment breakdown History logbooks and functional management inspections needs on designated equipment.
- Handled independently maintenance of all Multiparameter monitors and SPO2 monitors like, Philips MP20, MP40, Nellcor N-595, 600, Datex Ohmeda, Maximo, etc
- Handled independently maintenance of Infusion Pump, Syringe pump and Feed Pump. Without maintenance contract from the suppliers, resolved power supply boards, main PCB's and component level problems.
- Handled independently maintenance of ICU, ER, NICU, PICU, L/DR, OR most of the medical equipment maintenance without maintenance contract from the suppliers and also resolved medical equipments PCB and power supply boards component level problems
- Performed tasks associated with the installation, maintenance, repair, and assembly of clinical equipment involving basic knowledge and abilities associated with electronics, pneumatics, and mechanical processes.
- Participated in the purchase, set-up and testing of data acquisition equipments and collection of high quality data.
- Conducted analyses of data from clinical research studies and presented to the top management.
- Conducted experiments in biomedical electronic systems using modern test equipment
- Evaluated problems and proposed solutions in the design of new methods of data acquisition, analysis and interpretation.
- Monitored the assembly procedures in prototypes, equipments, and tested samples to assess its efficacy.
- Generated policies on product development including neuro-critical care applications and brain monitoring.
- Ensured that equipments are properly calibrated by overseeing management and maintenance.

## **Bio Medical Experience in Critical care and Radiology :**

- Handled maintenance of following equipments without maintenance contract from suppliers.
  - ✓ Ventilators – Nellcor PB 840, Servo I,E, Hamilton –C3, Respronic Spirit
  - ✓ Ultrasound – Logiq P6, Voluson E8, Logiq E
  - ✓ Echo machine – Logiq I
  - ✓ TMT machine – GE2100,
  - ✓ Mobile X-ray – MM10
  - ✓ Baby warmer - Phoenix
  - ✓ Anesthesia machine – Astiva5, Fabius Tiro
- Done weekly maintenance for Blood gas analyzer - ABG , Siemens 348
- Replaced the defective lamps in Endoscopy machine.
- Done weekly maintenance for Leak test in Anesthesia machine.
- Done Angulation calibration in Digital Radiography ( Canon FA Dual detector)
- Handled basic issues in Fluroscopy –Angiogram (Philips FD 20, 10), MRI (Inginea 1.5 & 3T)

**Testing Equipments Handled:**

- Electrical Safety analyzer
- Infusion pump analyzer
- Defibrillator Analyzer
- Ventilator Analyzer
- Tachometer

**Personal Details:**

**Name** : **BLAZE VARGHESE**  
**Date of Birth** : 20-03-1992  
**Sex** : Male  
**Nationality** : Indian  
**Marital status** : Single  
**Father's Name** : M D Varghese  
  
**Permanent Address** : Mesthiriparambil (H), Ponthenpuzha PO  
Manimala, Kottayam (Dt), Kerala

**Declaration:**

I hereby state that the above said facts are true to best of my belief and knowledge.

**Place** : Manimala

**Date** : 01/01/20

**(BLAZE VARGHESE)**