



HARIKRISHNAN H S

MOB: +91 8129023078

harikrishnan8089@gmail.com

***Kizhakkumkara puthan veedu
Chayakarupacha thattathumala***

Kilimanoor

PIN 695614

Trivandrum

BIOMEDICAL ENGINEER

CAREER GOAL:-

To pursue a position in the company with the intention of securing a professional career with opportunities for career advancement, gaining knowledge of new skills and expertise. Innovative and problem-solving skill oriented graduate with strong educational background in Biomedical Engineering. Possess experience with teamwork and time management, and dynamic personality that inspires people to cooperate.

Biomedical Engineering is a specialized department charged with the responsibility of the managerial and technical functions associated with use and conservation of medical equipments including evaluation and monitoring ongoing utilization, equipment performance and calibration management, equipment maintenance management etc.

Biomedical Engineering process consists of Core Process, Support and Quality improvement process.

SKILL SETS

- Adaptability to given environment
- Proven leadership skills
- Good communicative and interpersonal skills
- Active team player

CORE COMPETENCIES

- Procurement & Operations Management
- Biomedical Equipment Management.
- Inventory Management
- Leadership, Planning & Control

PROFESSIONAL CYCLE

Total year of experience – 3 Years

1. Chazhikattu Hospital Pvt Ltd, Thodupuzha (Since February 2018)

Biomedical Department Head ,Biomedical Department Till date

2. SUT HOSPITAL Pattom, Trivandrum (December 2015 – February 2018)

Biomedical Department Head

3. SUT ROYAL HOSPITAL Trivandrum (December 2015)

Bio Medical Engineer (initially as trainee)

JOB RESPONSIBILITIES

- To evaluate the safety, efficiency, and effectiveness of biomedical equipments
- Technical maintenance and troubleshooting
- Handling technical & operational activities of installations
- Provide training to new staffs on medical equipments installed in concerned departments
- 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 schedule and calibration schedule for all bio medical equipments
- To follow up with the vendors for any breakdown under annual maintenance contract equipments.
- Responsible & accountable for overall operation of biomedical engineering department.
- Thorough checking on ambulance medical equipments like Portable ventilator, Portable suction, Defibrillator, Monitor, Pulse Oximeter, Infusion pump, Syringe Pump and other tools, and assist doctors and other staffs while ambulance trip

EQUIPMENTS EXPERTISE

<u>SL NO</u>	<u>EQUIPMENT NAME</u>	<u>FUNCTIONS (Company make)</u>
1.	Ventilator	Maquet Servo S, servo I Drager babylog Philips V680
2.	Anesthesia Machine	Fabius, Fabius Plus,(Drager) 9100C (GE)
3.	X-Ray Machine	Digital Radiography (Siemens) Fluoroscopy (Siemens Flouostar) Ultrasound Machine.(Philips&Toshiba))
4.	Defibrillator	Efficia DFM100, Heart Start MRX(Philips) HP code master
5.	Dialysis Machine.	Fresenius AK 96 (Gambro)
6.	Monitors	VM6,VM8,Intelivue Mx 450, MX 800(Philips) Truescope A5,Truescope 2 Planet 40(L&T)
7.	Syringe pump	Perfusor compact (Bbraun) Injectomat Agilia (Fresenius)
8.	Infusion Pump	Infusomat , (BBraun) Optima VS (Fresenius Kabi)
9	Lab Equipments	E411,Electrolyrte,BiochemistryAnalser (BeckmanCoulter) Heamotology Analyser (Beckman coulter) All other Laboratory and Blood Storage Equipments
10	OT Equipments	OT Light (Steris, Maquet), OT Table (Maquet), Electro Surgical Unit (Valleylab , Erbe) , Laparoscopic And Arthroscopic Equipment,(KARLSTROZ/STRYKER), Neuro Drill (Aesculap) Ortho Drill Sytsem.(Synthesis) Neuro Microscope.(Leica) Heart lung machine,IABP Machine(Maquet)
11	CSSD Equipments	Sterilizer (Machine fabrik)
12	MRI CT	PHILIPS MULTIVA, PHILIPS INGENUITY CORE

PROFESSIONAL SUMMARY – SUT HOSPITAL

- *Pro-active and result oriented professional with over 2+ years of extensive and progressive experience across functional areas.*
- *Experience in purchase planning, cost determination, purchase of medical equipments & materials.*
- *Experience in maintenance and operations of a wide spectrum of medical equipments and systems.*
- *Enrichment in preventive and breakdown maintenance of various medical equipments.*
- *Ensuring compliance to quality standards and maintaining all quality control documents.*
- *Served as a facilitator to streamline the documentation and other biomedical related processes for **NABL and NABH accreditation process for SUT Pattom and BM-SUT** (Institution under same management)*
- *Actively worked on biomedical document management on stipulated conditions and guidelines for initializing **DNB program and IAP fellowship** in the hospital*
- *Successful in implementing cost effective equipment maintenance and repair processes for majority of the equipments*
- *Healthy relationship management and negotiation skills with the ability in imparting continuous on the job training to the team.*
- *Installation and commissioning of all the medical equipment's in the newly started **BR CANCER CARE** (a joint venture of BR LIFE Management, Trivandrum) at SUT Pattom*
- *Oversee the functioning of biomedical engineers at SUT hospital, to maintain the biomedical equipments & keeping downtime to minimum.*
- *To keep documentation of service histories on all biomedical equipments*
- *To conduct training to educate clinicians and other personnel on proper usage of the equipments.*
- *Accomplished the commissioning process on the targeted date*

CAREER HISTORY

- Advance diploma in Biomedical Application**
Harvey Biomedical Bangalore
- Bachelor's in Engineering :- Bio-medical Engineering 2011-2015**
Bharat institute of science and technology Bharath University, Chennai
- Higher Secondary Certified – 2011**
G H SS School Thattathumala Kerala State Board
- Secondary School Leaving Certificated (S.S.L.C) - 2009**
G H SS School Thattathumala, Kerala State Board

ACHIEVEMENTS

- Attended the National Biomedical conference at KIMS
- Participated in the workshop Of Sterrad at Chennai

PERSONAL WALL

Father's Name: Haridasan Nair

Sex & Marital Status: Male & Single

Date of Birth: 18th August 1993

Nationality: Indian

Passport Number: M4414536, Valid up to December 2024

Languages known: English, Hindi, Malayalam

Permanent Address: Kizhakkumkara Puthenveedu
Chayakarupacha,Thattathumala(PO),TVM

REFERENCE		
Dr. Sudhakar. M V Medical Administrator SUT Hospital Pattom, Trivandrum Mob: 9847135276	Ms. Angel Vincent HR Manager SUT Hospital Pattom, Trivandrum Mob:9526949777	Mr. Balachandran Training Manager Harvey Biomedical Bangalore Mob:08884344491
Mr. Madhavankutty Manager(HOD) Bio-Medical Department SUT royal hospital Trivandrum Mob:9447144456	Mr. Kanniyappan HOD Biomedical Engineering Department BIET Campus Chennai Mob:0980218166	