

SADWALA DINESH C

Chambiloremnal(H)

Cheekkonnu(PO), kozhikode

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PROFILE

Biomedical Engineer, familiar with engineering principles and materials technology to healthcare, designing and developing of medical products and familiar with anatomy and physiology, understanding of clinical research protocols, data collection requirements, methodologies of medical equipments, instruments and hospital management.

OBJECTIVE

A Biomedical Engineering professional seeking a work environment to upgrade position utilizing my skills, abilities, experiences and an opportunity to improve my professional growth based on performance while being resourceful, innovative and flexible in a modern, multi discipline and dynamic organization where I can use my logical, reasoning and technical abilities along with my communication and interpersonal skills effectively for contributing to the growth of the organization

JOB EXPERIENCE

Working as Biomedical Engineer Trainee at Govt. medical college. Calicut,kerala(27.11.2018 to25.05.2019)

Five months experinced as Biomedical Engineer Trainee at MOSC Medical Mission Hospital, Kolenchery, Kochi, Kerala. 12St June 2018 to nov 22.

- Attends brake down calls of critical care equipment, OT equipment (Multipara Patient Monitors, Syringe/Infusion pumps, Ventilators, Defibrillators, OT lights, Anaesthesia workstation) .
- Technical support
- Perform Preventive Maintance for the Equipments.
- Maintains registers of daily work, new installation, insurance.
- Maintains equipment inventory for existing and incoming equipment.
- Maintains records of spares
- Technical support and emergency brake down support during live telecast of surgeries.

ROLES AND RESPONSIBILITIES

- Responsible for the overall activities held in the Biomedical Engineering Department and also the hospital equipment's in the concern departments.
- Apply engineering principles and materials technology to healthcare.
- Maintenance, troubleshooting, installation support of medical equipment's.
- Maintain the documentation for biomedical equipment's and investigate safety related incidents.
- Maintain documentation on new equipment's installations, AMC/CMC, ISO, PM, insurance, NABH.
- Maintain the Medical Gases of the organization.
- Evaluate the safety, efficiency and effectiveness of biomedical equipment's used for diagnosis, treatment and monitoring.
- Co-ordinations of service personal of various medical equipment companies. Support the management for technical assessment for the purchase of various equipment's

Equipment's Handled and documented

- Ventilator
- Anaesthesia Workstation
- Surgical Diathermy Machine
- Defibrillator,
- ECG machine.
- Syringe Pump and Infusion Pump
- Patient Monitors (Multipara Monitors)
- OT Light and OT Table
- BP Apparatus
- Baby Warmer, Light source, Incubator, CTG Machine

COMPUTER AWARENESS

- Operating Systems: Windows 7,8,10
- Multimedia/Design: MS Word 2010, MS Excel 2010, MS PowerPoint 2010

ATTRIBUTE AND SKILLS

- Knowledge of Biomedical Equipment's.
- Strong interest in engineering and medicine.
- Quick learning skills, Good leadership and organizing skill.
- Dedication and commitments towards work.
- Willingness to learn.
- Good communication Skills Creative thinking and Self-Motivated

EDUCATIONAL QUALIFICATION

Bachelor of Technology (B.Tech) Bio-Medical Engineering with 1 st Class	Year 2015-2018 Anna University, Tamilnadu.
Diploma in biomedical engineering (1 st class)	Year 2012-2015 Kerala university
Higher Secondary Education Biology with science stream	Year 2012. SCERT, Kerala.

ACADEMIC PROJECTS:

- Mobile sensors to monitor and control respiratory rate in diagnosis of pneumonia.- This hardware project aims to detect pneumonia rate using GSM to the patient cell phones .
- Drip monitoring system- In this project we are designing a centralized hospital drip management system by using RF TX/RX encoder/decoder
- Practical Assignments on equipments at jayashekhar hospital, nagercoil.

ACHIEVEMENTS:

1. Member of the documentation committee for the national level technical symposium "BLITZ 2K16"
2. Has participated in the internship program at Baby memorial hospital ,Kozhikode, MIMS hospital Kozhikode .
3. Has participated and won several prizes at school and college level for sports, arts, sciencefare

PERSONAL PROFILE:

Date of birth, Age : 07-01-1995, 23Yrs.
Gender : Female
Nationality : Indian
Marital Status : unmarried
Languages literacy : English, Malayalam & Tamil
Hobbies : Reading, listening to music.
Personal Qualities : Leadership, Team worker, Good listener, Proficient in planning and organizing, Willingness to accept my mistake's and learn more.

REFERENCE:

1. Jobbi.K.Varghese

HOD Biomedical Department MOSC Medical Mission Hospital, Kolenchery

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DECLARATION:

I hereby declare that the above- mentioned information is true to the best of my knowledge and belief.

kozhikode

01-01-2019

SADWALA DINESH