



VIMAL K.S

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KAITHAYIL HOUSE POOPPARAMBA PO POOPPARAMBA PIN :670632

Biomedical Engineer

SNAPSHOT PROFILE

Dedicated and motivated high-level Biomedical Engineer with a strong passion for improving health care outcomes through advanced medical technology. Possessing a solid foundation in biomedical engineering principles, along with exceptional technical skills. Detail oriented approach and commitment to delivering high-quality service. Equipped trouble shoot, diagnose , and resolve complex issues efficiently. Adept at collaborating with interdisciplinary teams , ensuring optimal functionality and safety of medical devices. Seeking to leverage knowledge and enthusiasm to make a positive impact on the biomedical field and drive innovation in health care technology.

SKILLS

Equipment Maintenance and PM
Experience in Biomedical Equipment
Problem-solving
Knowledge in Clinical Engineering Practices
Analytical thinking

Technical documentation
Equipment repair and servicing
Communication skills
Installation and Calibration
Time management

EDUCATION

- Diploma In Biomedical Engineering, EKNMMPTC, Kalliassery, 2022 7.82 CGPA
- 12 th Nirmala HSS Chemperi 52.25 %, 2019
- S.S.L.C, Nirmala HSS Chemperi 73 %, 2018

EXPERIENCE

Biomedical trainee, Government Medical College Pariyaram Kannur

- Conducted machine quality checks to ensure optimal functioning and adherence to standards.
- Performed regular maintenance tasks to uphold the efficiency and longevity of medical equipment.
- Provided timely service and repairs when necessary to minimize downtime and enhance equipment performance.

Key Achievements :

- Demonstrated bravery and initiative in conducting thorough inspections of all hospital medical equipment.
- Developed the ability to swiftly identify and diagnose equipment issues, streamlining troubleshooting processes.
- Exhibited ease and proficiency in handling life-saving equipment, ensuring proper usage and safety protocols.

Academic Projects

Mini Project

CELL PHONE DETECTOR

Description: This mobile phone detector can sense the presence of an activated mobile phone from a distance of four to five meters. It can be useful in places like examination halls or meetings where mobile phones are not permitted. The circuit can detect incoming and outgoing calls, SMS, internet, and video transmissions, even if a mobile phone is kept in silent mode.

Seminar

INFRARED THERMOGRAPHY

Description: Infrared Thermography (MIT) is a non-invasive, non-radiating, low-cost detection tool used for analyzing physiological functions related to skin temperature.

Main project

SPIROMETER USING ARDUINO

This project involves building a simple spirometer using an Arduino and a pressure transducer. The primary goal is to compute the volume of air blown through a plastic tube.

PERSONAL DETAILS

- Date of Birth: 22/09/2001
- Gender: Male
- Marital Status: Single
- Languages: English ,Malayalam
- Nationality : Indian