

# MUHAMMED KHAIS MADHURAN



BIOMEDICAL ENGINEER

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**Permit** KLA000309073

Experienced biomedical engineer with four years in the field, specializing in the installation, operation, and servicing of medical equipment. Proficient in quality testing, troubleshooting, and maintaining optimal equipment performance through planned maintenance programs. Skilled in providing support during equipment breakdowns and routine maintenance, ensuring patient care instruments are safe and reliable. Experienced in training interns on various medical technologies and handling specialized equipment, including dental and in vitro fertilization tools. Committed to advancing healthcare technology and enhancing clinical operations.

## Skills

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Clinical Knowledge  
Communication Skill  
Problem Solving Skill  
Preventive Maintenance  
Time Management  
Microsoft Office  
Equipment Maintenance and repair  
Dental and Sterilisation equipment  
Computer Hardware And Software

## Work History

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**2021-08 - Current**

### **Biomedical Engineer**

*Nahas Hospital, Parappanagadi*

- Installation, application, operation, quality testing, trouble shooting, and servicing of medical equipment's.
- Maintaining the equipment to the best of its performance by organizing a planned maintenance program for all the equipment and attending to

emergency breakdowns and repairs.

- Provide first and support to the medical equipment during their breakdown and normal maintenance.
- Perform equipment installation and de-installation of related equipment as needed.
- Ensuring that patient care instruments used throughout the institution are safe.
- Dental equipment and invitro fertilization lab equipment's well handling.
- Result Maintained an up-to-date knowledge base on current trends in the field through regular attendance at conferences and workshops.

**2020-10 - 2021-07**

### **Biomedical Trainee**

*Government Medical College Hospital, Manjeri*

- Assisting senior biomedical engineers instructions, and follow up on the medical equipment's workings.
- Maintaining biomedical equipment by completing preventive maintenance schedules, conducting tests, following manufactures instructions, troubleshooting and repairing malfunctions, calling for special services, evaluating service contracts and maintaining inventories.
- Performing primary testing protocols on different equipment to ensure proper working on a daily basis.
- Assisting company engineers in attending service calls.

**2020-04 - 2020-09**

### **Field Engineer**

*Starecare Marketing And Services, Manjeri*

- Evaluate the safety, efficiency and effectiveness of medical equipment's.
- Install, online and offline support, repairs, Preventive maintenance and provide technical support for all biomedical equipment's.
- Train clinicians and provide the demonstrations supports.
- Delivered high-quality field services, ensuring all projects were completed on time and within budget constraints.

**2020-01 - 2020-03**

### **Biomedical Intern**

*Iqraa International Hospital, Calicut*

- Assisting senior biomedical engineers in documentation and servicing.
- Maintaining service call registers.
- Inputting medical data into appropriate computer programs.
- Presented programs and reports to superiors.

## **Education**

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**2016-07 - 2020-07**

### **Bachelor of Engineering: Biomedical Engineering**

*Vinayaka Missions Research Foundation - Salem*

**2014-05 - 2016-05**

### **Higher Secondary School: Biological Sciences**

*KMHSS Higher Secondary School - Kutoor North*