

MOHAMED ASIF K

Biomedical Engineer

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Professional Summary

Dedicated and results-driven Biomedical Engineer with hands-on experience in medical equipment maintenance, installation, and quality assurance across hospital environments. Skilled in troubleshooting, calibration, and regulatory compliance (NABH, AERB). Passionate about applying technical knowledge to improve patient care, safety, and operational efficiency in healthcare facilities.

Professional Experience

- Biomedical Incharge

RNC Super Speciality Hospital, Hyderabad, India (Feb 2024 – Present)

- Supervise installation, calibration, and performance testing of new medical equipment.
- Conduct preventive maintenance, diagnostics, and repairs to ensure optimal device functionality.
- Provide training and demonstrations to healthcare professionals on safe and effective equipment use.
- Oversee NABH, QA, and AERB compliance activities to maintain accreditation standards.
- Manage documentation and inventory control for biomedical assets.

- Biomedical Engineer

Government Medical College, Calicut, India (Mar 2023 – Jan 2024)

- Performed preventive maintenance, service, and calibration for critical care, cardiology, and respiratory equipment.
- Conducted daily inspections, maintained service records, and supported NABH compliance initiatives.
- Assisted in identifying and resolving safety issues to ensure continuous clinical operations.
- Managed spare parts inventory and coordinated with vendors for timely procurement and servicing.

Education

Bachelor of Engineering (B.E.) – Biomedical Engineering

Dhaanish Ahmed Institute of Technology, Coimbatore, Tamil Nadu (Jul 2019 – Mar 2023)

CGPA: 8.5

Higher Secondary Education

Rajhas Higher Secondary School, Kottakkal, Kerala (Aug 2017 – Oct 2019)

Key Skills

- Biomedical Equipment Maintenance & Calibration
- Installation & Commissioning
- Preventive and Corrective Maintenance
- Electrical Troubleshooting
- Quality Assurance & NABH / AERB Standards
- Documentation & Inventory Management
- Project Management
- Problem Solving & Team Collaboration

Projects

Li-Fi Based Health Monitoring System for Infants Using IoT (Sept 2022 – Feb 2023)

Developed a prototype system for real-time monitoring of infants' vital signs using Li-Fi communication.

Fall Detection Sensor System (Mar 2021 – Mar 2022)

Designed and implemented a wearable sensor device for automatic fall detection and emergency alerting.

Workshops Attended

- FIMS Hospital – Biomedical Equipment Maintenance
- KPR Institute – Healthcare Technology Innovations
- Cyrix Kochi – IoT Applications in Biomedical Engineering

Languages

English: Full Professional Proficiency

Malayalam: Full Professional Proficiency

Hindi: Full Professional Proficiency

Tamil: Professional Working Proficiency

Telugu: Professional Working Proficiency