

KHADEEJA NIDA K T

BIOMEDICAL ENGINEER

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Sharjah, UAE

PROFESSIONAL SUMMARY

Biomedical Engineer with 1+ year of hands-on experience in biomedical equipment installation, preventive and corrective maintenance, calibration, and technical support in NABH-accredited hospitals. Experienced in electrical safety testing, documentation, AMC management, and staff training. Seeking a Biomedical Engineer position in UAE hospitals or medical equipment service organizations.

PROFESSIONAL EXPERIENCE

Biomedical Engineer

August 2023 – November 2024

Sudha Fertility and Women Care Centre, Puducherry, NABH Pre-Accredited Hospital

- Installed, commissioned, tested, and maintained biomedical equipment used in IVF and General Operation Theaters.
- Performed preventive maintenance, corrective maintenance, and calibration as per hospital schedules.
- Conducted electrical safety and performance testing in compliance with NABH standards.
- Attended equipment breakdown calls and resolved issues to minimize downtime.
- Maintained AMC records, service reports, calibration logs, and equipment history.
- Coordinated with vendors for repairs, replacements, and warranty services.
- Trained nursing and clinical staff on safe equipment operation and basic troubleshooting.

Biomedical Inventory Coordinator

March 2023 – July 2023

Medisafe Medical Systems

- Managed biomedical equipment inventory, asset tracking, and stock control records.
- Prepared quotations, invoices, and billing documents.
- Coordinated order processing, dispatch, and delivery schedules.
- Handled customer communication and order follow-ups.
- Maintained documentation for sales, warranties, and service requests.
- Assisted in digital marketing activities for medical equipment products.

Biomedical Engineering Trainee

August 2022 – February 2023

Santhi Hospital, Kozhikode

- Provided technical support for patient monitors, infusion pumps, syringe pumps, Dopplers, BiPAP, and dialysis machines.
- Attended breakdown maintenance calls and supported corrective maintenance activities.
- Conducted safety and performance testing of biomedical equipment.
- Assisted in NABH audit preparation and equipment documentation.
- Trained nursing staff on equipment operation and basic troubleshooting.

Biomedical Engineer Intern

September 2021 – October 2021

Sunrise Hospital and Research Center, Kochi

- Identified faults and troubleshoot patient monitors, infusion pumps, BP apparatus, and SpO2 probes.
 - Assisted in preventive maintenance and basic repair of OT and laboratory equipment.
 - Supported equipment testing, calibration, and servicing activities.
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EDUCATION

Diploma in Biomedical Engineering

KMCT Polytechnic College, Calicut, 2019 to 2022, Percentage: 77

Higher Secondary Education in Bio Science

Kuttamboor Higher Secondary School, Kozhikode, 2017 to 2019, Percentage: 70

SSLC

Muhammed Ali Jouhar High Secondary School, Kozhikode, 2017, Percentage: 90

SKILLS

- Biomedical Equipment Maintenance
 - Preventive & Corrective Maintenance
 - Equipment Calibration & Safety Testing
 - Biomedical Equipment Troubleshooting & Repair
 - Medical Equipment Installation & Commissioning
 - NABH Compliance & Quality Assurance
 - Inventory & Asset Management
 - AMC Documentation & Service Reports
 - Technical Support & Staff Training
 - Microsoft Office (MS Word & MS Excel)
 - Video Editing (Basic)
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PROJECTS

Finger Controlled Automation

Developed a glove-based transmitter system to control smart devices using finger movements, improving accessibility for patients and users with mobility limitations.

CERTIFICATIONS

- Experience Certificate – Biomedical Engineer (1+ Year) Sudha Hospital, Puducherry
 - Training Certificate – Biomedical Engineer (6 Months) Santhi Hospital, Kozhikode
 - Internship Certificate – Biomedical Engineer (14 Days) Sunrise Hospital & Research Center, Kochi
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LANGUAGES

- Malayalam: Fluent
 - English: Fluent
 - Hindi: Conversational
 - Tamil: Conversational
 - Arabic: Read , Write
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