



JEMISH MIYANI

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LANGUAGES

- Gujarati
- Hindi
- English

SKILLS

- Strong Interpersonal & Communication.
- Open to Different opinions to analyse & Solve problems specific to situations.
- Good documentation & Presentation.
- Preinstalling layout preparation, Monitoring, Quality control & Safety.
- PPM scheduling & Inventory update.
- Equipment maintenance & Repairing & Installations.
- Complex problem solving.

COMPUTER SKILLS

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Internet Surfing

SUMMARY

Biomedical engineer specializing in IN HOUSE hospital Bio Medical engineer, field service and application. Experienced in biomedical engineering, Clinical engineering, Medical equipment planning, Procurement, and External quality accreditation. Working experience with National accreditations hospital as NABH (India), NABL (India) and AERB (India).

EMPLOYMENT HISTORY

Haria L.G. Rotary Hospital – Vapi

April 2026 – Present

Position working as – Head of Bio Medical Engineer

Asutosh Multispeciality Hospital – Surat

July 2024 – March 2026

Position working as – Senior Bio Medical Engineer

UNM Foundation - Hospital (Torrent Group) – Surat

February 2022 to May 2024

Position working as – Senior Bio Medical Engineer

Shrimati Rasilaben Sevantil Shah Venus Hospital – Surat

July 2020 to January 2022

Position working as – Junior Bio Medical Engineer

Kepsh Medical Systems – Surat

July 2019 to July 2020

Position working as – Bio Medical Field Sales & Service Engineer

EDUCATION

Bachelor of Engineering in Bio Medical Engineering with 7.08 CGPA, First Class Grade Competed 2019 Government Engineering College, Sector – 28, Gandhinagar – 382028, Gujarat, India

JOB RESPONSIBILITIES

- Supervised and Maintained BIOMEDICAL ENGINEERING DEPARTMENT to ensure the growth of the hospital to meet NABH (National Accreditation Board of Hospital) standards.
- Planning and preparation of technical specifications.
- Purchase of different BME equipment's for the company from OEM
- Managing the staffs and assign the work on a daily basis.
- Maintained department PPM work schedule as per the SOP & Year plan.
- Advise and assist in the application of instrumentation in clinical environments.
- Evaluate the safety, efficiency, and effectiveness of biomedical equipment.
- Install, adjust, maintain and /or repair biomedical equipment according to service manual.
- Performs maintenance repair tasks including disassembly, reassembly and test operation.
- Prepares requisitions for spare parts procurement from stores and manufacturer.
- Prepares and enter data in logs, reports, and form and equipment records about inspections, repairs of equipment condition and operation.
- Prepare service history and inventory control of biomedical equipment.

- Demonstrate biomedical equipment operation/function to healthcare staff and inform regarding care of equipment and safety function of equipment for both patient and staff.
- Bio Medical Engineer experienced in maintenance of wide range of medical equipments in state-of-the-art Hospitals, Install, Adjust, Maintain, Repair, and Provide Technical Support and ensure the efficiency and effectiveness of biomedical equipment, plus trainer of clinicians and other personnel over proper use of equipment.

ON HAND EXPERIENCE IN DEPARTMENT

- | | |
|---|--------------------------------------|
| • Operation Theatre | • Medical Intensive Care Unit (MICU) |
| • Intensive Care Unit (ICU) | • Emergency Room |
| • Intensive Cardiac Care Unit (ICCU) | • Dental Department |
| • Neonatal Intensive Care Unit (NICU) | • Dermatology |
| • Paediatric Intensive Care Unit (PICU) | • Neurology |
| • Gynaecology & Labour Room | • Endoscopy |
| • Cardiology | • Rehabilitation |
| • Urology | • Patients Wards |
| • Ortho Pedic Surgery | • Medical Gases Room |
| • General Surgery | • Medical Air & Vacuum Room |
| • Ophthalmic surgery | • Medical Furniture |
| • CSSD | • Physiotherapy |

ACHIEVEMENTS

- I have successfully done projects in previous organization like modular OT, NICU, PICU, Wards, OPD, Laboratory, CT, MRI, Sample Collection Centre.
- Certificate of appreciation achieving goals to NABH accreditation (September 2023).
- Certificate of appreciation for excellence in patient care during COVID-19 pandemic (April 2021).

ACADEMIC PROJECT DETAILS

“Voice Controlled Wheelchair for Physically Handicapped Patient Using BT Android Operate Smart Phone”

- In this project we are using Android Application and Voice Recognition System. Many disabilities people who need voice controlled wheelchairs are satisfied with it. This project is included in assistive technology. The designed system propose a new model based on the concept of wireless voice command operate which uses Bluetooth module and android application and microcontroller for controlling the device, infrared and ultrasonic sensors for robust obstacle detection, LCD display and Audio Buzzer for alarm. Thus, enhancing the hardware used in our proposed models achieving cost efficiency and reliable operation.

DECLARATION

I do here by declare that the particular of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Yours Faithfully,
Jemish Miyani**