

DHARANISRI S

TRAINED BIOMEDICAL ENGINEER

CONTACT

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Dharmapuri, Tamil Nadu

Dharanisri S - Linkedin

TECHNICAL SKILLS

- Clinical Application Support
- Medical Device Callibration & Testing
- Product Demonstration
- Regulatory Affairs : CDSCO, FDA & EU MDR
- Quality & Risk Management : ISO 13485 and ISO 14971
- MS - Office

SOFT SKILLS

- Effective Time Management
- Strong Communication Skills
- Leadership
- Adaptablity
- Team Collaboration
- Analytical Problem Solving

LANGUAGES

- English [Fluent]
- Tamil [Native]
- Kannada [Basic]

PROFILE

A highly motivated and goal-oriented biomedical engineer with foundational expertise in medical devices, dedicated to driving quality and excellence in the healthcare industry. Committed to continuous learning, delivering innovative solutions, contributing meaningfully to organizational success through dedicated service and technical skills.

EDUCATION

B.E Biomedical Engineering 2022- 2026
Velalar College of Engineering and Technology
CGPA : 8.3/10

HSC 2021 - 2022
P.D.R. Vellachiammal Matriculation Higher Secondary School
Percentage : 82 %

SSLC 2019 - 2020
P.D.R. Vellachiammal Matriculation Higher Secondary School
Percentage: 97%

WORK EXPERIENCE

APPLICATION SPECIALIST

Zandoz Medical System, Bengaluru March 2026 – Present 2026.

- Provided clinical application support.
- Conducted product demonstrations.
- Assisted customers in understanding medical equipment applications.

BIOMEDICAL ENGINEER

Nurture Hospital, Bengaluru March 2026 – Present 2026

- Performed preventive maintenance and calibration of medical equipment.
- Supported installation and troubleshooting.

PROFESSIONAL TRAINING

HARVEY BIOMEDICAL, BENGALURU

Advanced Training in Biomedical Applications Jan 2026 – Mar 2026

Gained hands-on experience in the application, operation, and testing of biomedical devices, including :

- Patient & Fetal Monitors [Comen]
- Electrosurgical Unit [Erbe VIO 300S]
- Dental X-Ray [Confident Rexstar LCD]
- Syringe & Infusion Pumps [Smiths Medical& Akas Medical]
- Semi-Automated Biochemistry Analyzer [Trivitron Labmate]
- Defibrillator & ECG [Nihon Kohden & Cardiolife]
- Hematology & Electrolyte Analyzer [Horiba Microsemi CRP]

CERTIFICATIONS

- Electronic Systems for Cancer Diagnosis | NPTEL | May 2025
- Introduction to Cognitive Psychology| NPTEL | Apr 2024
- Online Spoken Tutorial Project Certification
  IIT Bombay

LEADERSHIP & EXTRA CURRIULAR ACTIVITIES

- WIE Chairperson (2025)
- Executive Member – IEEE EMBS (2024)
- Volunteer – IEEE Madras Region Young Professionals
- Rotaract Club Member (2023)

HOBBIES

- Learning New Technologies
- Continuous Learning
- Volunteering
- Travelling
- Exploring Medical Technology

BIO - DATA

- **Name :** Dharanisri S
- **DOB :** 26 April 2004
- **Nationality :** Indian

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

(Dharanisri S)

INPLANT TRAININGS

Industrial Training March 2024
CYRIX Healthcare - Application of Ultrasound Machine

- Worked on basic operation and handling of diagnostic ultrasound machines.
- Understood principles of ultrasound image formation and signal processing.
- Gained practical exposure to safety precautions and routine equipment handling.

Hospital Training July 2024
Shanmuga Hospital, Salem

- Assisted with installation, calibration, and maintenance of medical devices.
- Supported troubleshooting, documentation, and compliance activities.
- Acquired hands-on exposure to hospital-grade biomedical equipment.

ACADEMIC PROJECTS

- **Non invasive blood vessel blockage detection system using Bioinpedance**
  [SMART INDIA HACKATHON] Sep 2024
  Developed a non-invasive system for identifying blood vessel blockage using thoracic bioimpedance signal analysis.

- **Sustainable Organic Waste Management**
  [Mini Project] Feb 2025
  Designed a zero-waste solution using controlled thermal processing for effective organic waste reduction and energy utilization.

- **ElectroSterile**
  [Major Project] Jan 2026
  Developed a rapid chemical-free sterilization system for healthcare applications using electrical discharge technology.

ACHIEVEMENTS

- Winner – Agri & Food Hackathon (Manvalam Project) – ₹5,000 Prize
- Third Prize – Project Expo 2025 (Sustainable Organic Waste Management) – ₹1,000 Prize
- Recipient – TN Startup Smart Card 2024 (Sustainable Wound Dressing)