

Engr. Muhammad Usama

Biomedical Engineer

Contact

H # P-81, Professor Colony
Tariqabad, Faisalabad
+923037262254
usama03117484656@gmail.com

Education

GC University
Faisalabad, Pakistan
B.Sc. Electrical Engineering
2012-2016
GPA 3.10/4.00

Key Skills

MATLAB
SCADA
PLC-SYSTEM
PROTEUS
MULTISIM
CIRCUIT ANALYSIS & DESIGN
ARDUINO & HMI

Medical Skills

Electrosurgical Devices
Anesthesia/Ventilator Machines
Medical Gas Systems
ICU (Adult)-NICU Equipment
Laboratory Equipment
Radiology Equipment
ISO 9001 Standards
Tool/Technology

Objective

To leverage my expertise as a biomedical engineer in contributing to innovative healthcare solutions, advancing medical technologies, and improving patient care. Seeking opportunities to apply my skills in biomedical research, medical device development, and healthcare system optimization within a dynamic and collaborative environment.

Experience

Aziz Fatima Hospital, Faisalabad.
Biomedical Engineer

Mujahid Hospital, Faisalabad.
Assistant Biomedical Engineer.

Faisalabad International Hospital, Faisalabad.
Biomedical Engineer.

Responsibilities

Responsible for maintaining, repairing, and optimizing medical equipment, while ensuring compliance with regulatory standards and collaborating with healthcare professionals to enhance patient care delivery within hospital settings.

Projects

Dental Unit

I developed dental unit and modify various parts of equipment to increase equipment efficiency moreover I am capable of developing programs for dental equipment.

Leadership

Exercised leadership by spearheading interdisciplinary collaborations, driving innovation, and implementing strategic initiatives to advance biomedical engineering solutions in healthcare settings.

References

Available upon request.