

Sanjay Kumar M

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Objective

To secure a Biomedical Engineer position , where I can apply my understanding of biomedical instruments, engage in continuous learning, and support equipment maintenance, quality checks, and technology upgrades.

Education

- Jerusalem college of Engineering** 2021-2025
B.E Biomedical engineering
CGPA: 8.077
- D.A.V school** 2021
Higher Secondary School - Biology
87

Internship

- Biomedical engineer Trainee - St.Thomas mount hospital**
Hands-on exposure to biomedical equipment and hospital operations.
Preventive maintenance, safety check and documentation.

Workshops

- Biomedical Equipment Hands-on Workshop**
Jerusalem College of Engineering | Atheena Pandian Pvt Ltd
4-day workshop focused on biomedical instrument calibration, repair, and handling.
Workshop on Troubleshooting and Maintenance
MEDINGERS Healthcare Solutions
2-day workshop on equipment troubleshooting and maintenance technique

Skills

- Diagnostic and Therapeutic equipments
- Medical device management
- Quick Learner
- Team Work skills
- Professional communication
- Excel, powerpoint

Projects

- UV LIGHT STERILIZATION WITH ADVANCED AIR QUALITY SENSING**
DURATION: 4 MONTHS
 - This project aims to develop an UV sterilization device integrated with gas detectors to ensure both microbial elimination and gas hazard monitoring.
 - The goal of the project is to reduce disease and infections by developing a UV sterilizing equipment that would give people a safe and healthy atmosphere.
 - Technologies used: Embedded C++
- EYEBLINK SENSOR CONTROLLED MOBILITY AID FOR PARALYZED PATIENTS**
DURATION: 4 MONTHS
 - This mini project aims to utilize an eye blink sensor to assist paralyzed patients by developing an innovative communication system that translates eye blinks into actionable commands.

•The eye blink sensor technology will be integrated with a user-friendly interface, allowing patients to communicate their needs and interests with the environment more independently.

•Technologies used: Python.

Achievements & Awards

- I have secured second place in intra-college basketball match at Jerusalem College I have participated in National Conferences and obtained certificates on paper presentation.

Interests

- Travelling and exploring new places
- Basketball
- Watching movies and web series

Languages

- English Tamil Hindi Basics of German