



ARULPRAVIN R

Biomedical Engineering Student: Eager learner and Innovative problem solver in Healthcare Technology.

OBJECTIVE SUMMARY

Biomedical engineering graduate eager to kick start a niche by actively participating in projects, especially in Services and Record maintenance roles that require problem-solving, risk based classification, and a deep understanding of medical devices along with my critical thinking skills.

EDUCATION

Sethu Institute of Technology, Virudhunagar, Tamil Nadu, India — *B.E. Biomedical Engineering |Honors with Specialization in Advanced Healthcare Devices* and secured 8.9 CGPA.

August 2021 - June 2025

MNU Jayaraj Nadar Higher Secondary School, Madurai, Tamil Nadu, India — *Higher Secondary -91%*

June 2019 - May 2021

MNU Jayaraj Nadar Higher Secondary School, Madurai, Tamil Nadu, India — *Secondary -89%*

June 2019

EXPERIENCES

Meenakshi Mission Hospital and Research Centre, Madurai, Tamil Nadu, India — *Trainee*

December 2022

Grace Kennett Foundation Hospital, Madurai, Tamil Nadu, India — *Intern*

May 2023

Vijayaraj Speciality Hospital, Madurai, Tamil Nadu, India — *Intern*

June 2024

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Madurai, Tamil Nadu, India. -625016.
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[ARULPRAVIN R |LinkedIn](#)

SKILLS

- Medical Writing
- Anatomy and Physiology
- Electrical Circuits
- Risk Based Classification
- Circuit Debugging

AREA OF INTEREST

- Medical Device Services
- Quality Control
- ISO 13485
- Regulatory Submissions

LANGUAGES

- English
- Tamil
- Telugu

EVENT MANAGEMENT

- Coordinator & Associate Member – BESTA (Students Association)
- Event Coordinator for Paper Presentation – TEXPO 2K23

CERTIFICATIONS

- **Medical Equipment Electrical Safety Testing** – WHO
- **Biomedical Signal Processing** — IIT Kharagpur (NPTEL)
- Understanding How Medical Devices are Regulated in Canada - **Pre-market Regulation** - Health Canada
- Medical Device Establishment Licensing and **Post-market Regulation** - Health Canada .
- Mini-Course **MDR 2017/745** - Easy Medical Devices
- Medical Devices Design and Development plan with ISO 13485 - **Medical Devices HQ.**
- **Biomedical Equipment Technology** — Atheenapandian Private Limited.
- **Psychology of learning** — IIT Kharagpur (NPTEL)

PAPER PUBLISHED & EVENTS

- Participated in 3 days **EDII-TN** Bootcamp and displayed “**Biomedical Waste Separator**”.
- Attended international Conference on “Recent Trends in Information, Communication and Electrical Engineering” **ICRTICE**–2024.
- Presented the idea of “**Holographic Display of scanning devices**” in a national level technical symposium conducted in Kongunadu college of Engineering 2024 and secured 3rd prize.

DECLARATION

I hereby declare that the above given information is true and correct to the best of my knowledge and belief. I take full liability for the correctness of information provided.

DATE: 11/01/2025

PLACE: MADURAI

WORKSHOPS

Biomedical Equipment

Technology —KAV Biomedical ~
January 2022

Calibration and Testing of

Medical Equipment-

Medingers Healthcare Solutions

October 2023

Medical Coding

Training—QUICK WIN ~

February 2024

PROJECTS

Fine Tune your ALS- Continuous monitoring using EMG

A System that continuously predicts the progress and development of the disease using EMG and ML.

Biomedical Waste Separator

A structure that separates the different biomedical wastes using IoT.