



# JASMIN V A

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## OBJECTIVE

Highly motivated and dedicated Biomedical Engineer seeking a challenging position to leverage my strong work ethic, enthusiasm for learning, and passion for professional growth. With a solid academic background and a genuine interest in the field, I aim to contribute my technical skills and knowledge to advance the healthcare industry. Committed to lifelong learning and personal development, I am eager to take on new responsibilities, acquire new skills, and excel in a dynamic and fast-paced environment.

## SKILLS AND ABILITIES

- Familiar with sensor technologies, microcontrollers, and safety standards.
- Data Management: Skilled in collecting, analysing, and managing data, maintaining data integrity and confidentiality.
- Attention to Detail: Meticulous in maintaining accurate records and documentation with a strong focus on precision and completeness.
- Excellent problem-solving abilities and critical thinking skills to identify and resolve technical challenges.
- Skilled in utilising Excel and other essential Windows applications for efficient work-flow.

## EDUCATION

Course	Institution	Board	Aggregate	Year
B. Tech (Electronics and Biomedical Engineering)	Govt. Model Engineering College, Thrikkakara	KTU	8.33	2022
Class XII	Govt. Higher Secondary School, North Paravur	State	94.3%	2017
Class X	Jyothi Nivas Public School, Aluva	CBSE	91.2%	2015

## EXPERIENCE

### VPS Lakeshore Hospital, Kochi - Bio medical Engineer

09-2022 to 05-2023

Worked as Bio medical Engineer Trainee; I had the opportunity to work closely with experienced biomedical engineers and medical professionals, I assisted in the maintenance, calibration, and repair of medical equipment. I learned how to troubleshoot issues, perform routine inspections, and ensure the equipment was functioning accurately and safely.

### Keltron Controls, Aroor - Intern

08-2019

The internship provided an overview of SBU and CIG, which provided an insight into the productive industrial activities.

Technology(s) Used: PCB Fabrication, Instrumentation Technology

## PROJECTS

**Laryngeal Stroboscope:** Developed a Laryngeal stroboscope for detecting vocal chord diseases.

Technologies used : Python, GUI, CNN

## COURSES AND CERTIFICATIONS

Completed a course on Medical Applications of Particle Accelerators, offered by Coursera in association with Lund University

## ACTIVITIES AND ACHIEVEMENTS

- Participated in Emerge 2018, National Technological Conference, conducted as a part of Excel 2018, the techno- managerial

fest of Govt. Model Engineering College.

- Participate in a hands-on workshop on X- ray and Ultrasound machines organised by Aegous Healthcare.

- Participated in a workshop on Diagnostic Ultrasound and Careers in Biomedical Engineering, jointly organised by Numex

Healthcare, Dubai and BMA, the Bio Medical Association of Govt. Model Engineering College.

- Participated in a national workshop on Industrial Practices and Engineering Standards and ISRO Exhibition, organised by

College of Engineering and Management Punnapra.

- Participated in a workshop on Proteus Simulation organised by BMA, the Bio Medical Association of Govt. Model

Engineering College.

- Volunteer, IEDC MEC social media, the Innovation and Entrepreneur Development Cell of Govt. Model Engineering College.

- Member, BMA, the Bio Medical Association of Govt. Model Engineering College

## REFERENCES

### **Anies T Khather**

Manager, Bio Medical Engineering Department, VPS Lakeshore Hospital, Kochi.

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### **Prof. Dr. Jacob Thomas V**

Principal, Govt. Model Engineering College, Thrikkakara.

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### **Prof. Dr. Jessy John**

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