



Amal K A



POST: BIOMEDICAL ENGINEER

✉ amal.k.a.mec@gmail.com

☎ +91 9562824691

📅 26/01/2001

EDUCATION

COURSE	INSTITUTE	BOARD	AGGREGATE	YEAR
B.Tech Electronics And Biomedical Engineering	Govt. Model Engineering College, Thrikkakara	KTU	6.9	2023
Class XII	Govt. Model HSS, Nadavarmba	State	90.5%	2019
Class X	Rural High School,Thumbur	State	97%	2017

SKILLS AND INTERESTS

- **Technical Skills:** Basics of C, Basics of Python
- **Fields of Interest:** Circuit Designing
- **Operating Systems:** Windows
- **Soft Skills:** Teamwork, Time Management, Responsibility

WORK EXPERIENCE

- **Company:** Agappe Diagnostics Ltd **Duration:** 45 days
Post: Field Service Intern
- **Company:** Medical Trust Hospital Kochi **Duration:** 6 month
Post: Biomedical Engineer Trainee

PROJECTS

- **Project:** LiDAR Based Autonomously Navigating Robot **Duration:** 4 months
Post: Developer **Team Size:** 4
Technology(s) Used: Arduino UNO, Raspberry pi4, RPLiDAR A1, Motor driver, Encoder motor, Battery
Developed an autonomously navigating robot by using LiDAR to deliver food and medicine in the ward.
- **Project:** Portable Cramp Reliever **Duration:** 4 months
Post: Developer **Team Size:** 4
Technology(s) Used: Arduino, Vibration Motor, Heating pad, IR Sensor
Developed portable cramp reliver which gives massaging effect and heating for pain relief using Arduino UNO.

PASSPORT DETAILS

- **Passport No.:** Y-7572199
- **Date of Issue:** 02/08/2023
- **Date of Expiry:** 01/08/2033

POSITIONS OF RESPONSIBILITY

- Member of **Marketing Team, Excel MEC**, the annual techno managerial fest of Govt. Model Engineering college.

ACTIVITIES & ACHIEVEMENTS

- Volunteer, **Marketing Team of Excel 2021**, the annual techno-managerial fest of Govt model Engineering College.
- Participated in **Code Innovation Series Hackathon** conducted by **GitHub** and **IncubateIND**.
- Participated in **Wave Cloning** conducted as a part of **Excel 2020**, the annual techno managerial fest of Govt. Model Engineering college.
- Participated in a **Workshop on UX Driven UI Perspectives** conducted as part of **Technopreneur 2021**, the flagship event of **IEDC MEC**.
- Secured **first prize** in **Lifeline** conducted as part of **Excel 2021**, the annual techno managerial fest of Govt. Model Engineering college.
- **Extracurricular Activities:** Football, Cricket, Carroms

REFERENCES

- Prof. Dr. Jacob Thomas V, Principal, Govt. Model Engineering College, Thrikkakara. Email ID: **principal@mec.ac.in**
 - Prof. Dr. Jessy John, HOD, Electronics and Biomedical Engineering, Govt. Model Engineering College, Thrikkakara. Email ID: **hodbe@mec.ac.in**
 - Rajesh JS, Biomedical Manager, Medical Trust Hospital, Ernakulam. Email ID: **biomedical@medicaltrusthospital.in**
-
-