

## CONTACT

### RACHANA G NAIR

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Alappuzha



## OBJECTIVE

Hardworking and highly organized individual looking for a responsible position to gain practical experience. Seeking a career as an Engineer, there I will be able to develop my strength and knowledge. Also, to enhance my experience, skills and capabilities, for me and my team to achieve personal as well as organizational goal.

## EXPERIENCE

*04/08/2021 - Present*

- **VPS Lakeshore Hospital, Cochi, India**  
BIOMEDICAL ENGINEERING TRAINEE

Maintenance and troubleshooting of biomedical equipments clinically as well as technically.

Handling technical & operational activities of installing biomedical equipments.

Coordination with service personnel of various medical equipment companies.

Follow up the Preventive maintenance schedule and calibration schedule for medical equipments

Calculation of Uptime and utilization of major equipments

## EDUCATION

*2017 - 2021*

- **TKM INSTITUTE OF TECHNOLOGY, KOLLAM**  
B.Tech in Biomedical Engineering  
6.48

*2014 - 2016*

- **D.B.H.S.S Thakazhy, Alappuzha, Kerala**  
Higher secondary  
77.5 %

*2014*

- **D.B.H.S.S Thakazhy, Alappuzha, Kerala**  
S.S.L.C  
91.1

## PROFESSIONAL SKILLS

- Hands on experience in diagnostic and therapeutic equipments
- Preventive maintenance and calibration
- Microsoft word
- Microsoft Excel
- Microsoft PowerPoint

## INTERSHIP

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- Malankara Orthodox Syrian Church Medical College Hospital, Kolenchery, Ernakulam (07/07/2018 -14/07/2018)
- Got trained/familiarized on the bio medical equipment used to diagnose the health issues

## PROJECT

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- **Wearable health monitoring band using photoplethysmographic signals**

The wearable health monitoring band using photoplethysmographic signals is a device that helps to measure vital signs and detect medical conditions like sleep apnea, drowsiness etc.

The device consists of an infrared and red light sources, a detector, microcontroller 16F877A, Bluetooth module and a mobile display. It also gives alarm signals when the vitals or the health condition of the patient deviates from the normal values to critical values.

Thus this device can be used for real time monitoring to keep the health condition of a patient better.

## LANGUAGES

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- READ : English, Hindi & Malayalam
- WRITE : English, Hindi & Malayalam
- SPEAK : English, Hindi & Malayalam

## DECLARATION

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- I hereby declare that the above stated data are true to the best of my knowledge and belief

Rachana G Nair