

SRADHA K
BIOMEDICAL ENGINEER



PUTHODE (HO)
PALLASSANA (PO)
PALAKKAD(dt)
KERALA
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 27-05-1997
 PALAKKAD
 India

PROFESSIONAL SKILLS

- Programming languages : C++,8085/8086,8051,
- Operating system: Windows, Microsoft office word,Power point
- Application-. MATLAB , LABVIEW

PERSONAL SKILLS

- Ability to maintain good relationship
- Hardworking, dedication and discipline
- Ability to perform tasks as per the policies and procedures of the organisation
- Computer handling skills

LANGUAGES

- Malayalam
- English
- Hindi
- Tamil

OBJECTIVE

Using my skills, education and experience to develop my career in the field of Biomedical Engineering and help the company to achieve business goals by selecting or creating effective working methods.

EXPERIENCE

- **Biomedical Engineer** Palakkad
Karuna Medical College Hospital,Vilayodi ,Chittur,Palakkad | 1/10/2020-31/12/2020
Worked as Biomedical Trainee at Karuna Medical College Hospital.
Involved in the installation and documentation works for the accreditation of NABL for the RT PCR lab.
- **Biomedical Engineer** Palakkad
Welcare hospital | 15/01/2020
Working as Biomedical Engineer at Welcare hospital,Palakkad

EDUCATION

- **B TECH-BIOMEDICAL ENGINEERING**
KMCT College of Engineering for Women Kozhikode, APJ Abdul Kalam Technological University | 2016-2020
Cgpa - 8.23
- **CLASS XII**
Brahmanantha Swami Sivayogi HSS Palakkad,Board of Higher Secondary Education | 2013-2015
Score - 88%
- **CLASS X**
Sree Narayana Public School Palakkad,Central Board of Secondary Education | 2013
Cgpa - 9.6

ACADEMIC PROJECTS AND SEMINARS

- **ANN BASED HAND TALK SYSTEM USING FLEX SENSORS,ACCELEROMETER AND SEMG DATA**
Final year project | 2020-
To implement a device for gesture to speech conversion for mute community on removing the barrier of communication with people not familiar with the concept of sign language.
- **A HYBRID APPROACH FOR IDENTIFICATION OF MANHOLE AND STAIRCASE TO ASSIST VISUALLY CHALLENGED**
Seminar | 2019-
It is proposed to detect manholes and staircases to assist visually challenged by using low weight stick.
- **AUTOMATIC MEDICINE ANNOUNCEMENT SYSTEM**
Mini project | 2018-
It is proposed to a practical and economical means for patients to manage their own medications at the prescribed time in a fully automatic way.

INTERNSHIPS / INDUSTRIAL EXPOSURE

- **Internship at Baby Memorial Hospital**
Baby Memorial Hospital ,Kozhikode | 4 days
Undergone 4 days internship in Biomedical department of

Baby Memorial Hospital,Kozhikode.

■ **Internship at KIMS Hospital**

KIMS Hospital, Kasargode | 7 days

Undergone 7 days internship in the Biomedical department of KIMS Hospital Kasargode.

■ **Internship at TREND Surgicals**

TREND Surgicals ,Kannur | 7 days

Undergone 7 days internship in TREND Surgicals Kannur.

🏆 **ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES**

■ **Volunteer of Kerala Voluntary Youth Action**

■ **Force(KVYAF)**

| 2019

Volunteer of Kerala Voluntary Youth Action Force (KVYAF) and participated in the State level camp at Thiruvananthapuram and Munnar.

■ **Robotics Workshop**

| 2019

Participated in a Robotics Workshop conducted by IIT Madras.

■ **NSS volunteer**

| 2017-2019

NSS Volunteer during the year 2017-2019.

■ **Biomedical workshop**

| 2018

Attended 3 days workshop of Biomedical and domestic maintenance system conducted by Social Research Society.

■ **National workshop**

| 2018

Participated in National workshop on Advancements in Biomedical Engineering and Research and MATLAB workshop organized by NIT Calicut in association with IEEE Power and Energy Society

■ **Paper presentation**

| 2018

Participated in the paper presentation titled IOT Based Smart Health Care Kit.

■ **Biomedical workshop conducted by KPI**

■ **Healthcare**

| 2018

Participated in Biomedical workshop conducted by KPI Healthcare about Ultrasound machines.

■ **Attended 7 day PUNARJJANI camp**

| 2017

Attended 7 day PUNARJJANI camp,project of Kerala Government ,NSS Technical Cell Kerala.

🗨️ **DECLARATION**

I SRADHA K do here by declare that the above mentioned details are true to the best of my knowledge.

Date :

Place : Palakkad

SRADHA K
