

**SANGAVI T**

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### **CAREER OBJECTIVE**

A challenging career which offers an opportunity to apply my skills knowledge with continuous learning and growth.

### **EDUCATIONAL BACKGROUND**

<b>DEGREE</b>	<b>NAME OF THE INSTITUTION</b>	<b>UNIVERSITY/ BOARD OF STATE</b>	<b>YEAR OF PASSING</b>	<b>PERCENTAGE</b>
B.E(BME)	Sethu Institute of Technology, Virudhunagar.	Anna University	2020	81.5%
HSC	CEOA Matric Hr. Sec. School, Madurai.	State Board	2016	75.9%
SSLC	TVS Hr. Sec. School, Madurai.	State Board	2014	96.6%

### **FIELD OF INTEREST**

- Medical imaging equipment
- Biomedical instruments

### **INDUSTRIAL EXPOSURE**

- 5days of INTERNSHIP at ATRIUM MEDICAL TECHNOLOGY from 18.12.18 to 22.12.18, Chennai.
- 15days of INTERNSHIP at KUMARAN HOSPITAL from 18.12.18 to 01.01.19, Chennai.
- 15days of INTERNSHIP at VELAMMAL HOSPITAL AND RESEARCH INSTITUTE from 16.05.19 to 31.05.19, Madurai.

## **PROJECT**

**TOPIC:** Blood Pressure Measurement based on Skin Resistances and Stress Level

**DESCRIPTION:** A circuit is designed to measure one's blood pressure value depending upon his stress level and skin resistances by using touch pad and blood pressure sensor and it is connected with Arduino UNO to the LCD display.

## **PROJECT**

**TOPIC:** Detection of Skin Cancer based on Deep Convolutional Neural Network

**DESCRIPTION:** A computer based Skin Cancer detection method with the help of image processing technique and artificial intelligence methods. To construct a program and detect skin cancer through stage classification using convolutional neural network. This process would probably start with image processing techniques such as pre-processing, segmentation, feature extraction and classification of tumors from skin cancer images. By using these techniques it clearly distinguishes whether the cancer is normal or abnormal and also predicts eight features of images.

## **CO- CURRICULAR ACTIVITIES**

- Two days International Workshop in Surgical Innovations and Healthcare Technology at Karunya University of Technology and Sciences.
- Three days hand on training KPI HEALTHCARE India,Pvt.Ltd.
- Scored 90% in Wildlife Ecology conducted by INDIAN INSTITUTE OF TECHNOLOGY (NPTEL).

## **EXTRA-CURRICULAR ACTIVITIES**

- Participated in Workshop on FABRIC PAINTING on 23.02.18.
- Three days Entrepreneurship Awareness Camp in MINISTRY OF SCIENCE AND TECHNOLOGY from 02.01.19 to 04.01.19.
- Member of Rotaract Club and Women Empowerment cell.

## **MY STRENGTHS**

- Good grasping skills
- Active listener
- Willingness to learn
- Adoptable and patience

## **PERSONAL DETAILS**

Date of birth	10.06.1999
Nationality	Indian
Father's name	Thirumal S
Language known	English,Tamil
Address	237 Sri Muthammal Illam, Jeeva Nagar 1 <sup>st</sup> street, Jaihindpuram, Madurai.

DATE:

PLACE: Madurai

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