**MONISHA.R**

**Email id:**[monisharavi811@gmail.com](mailto:monisharavi811@gmail.com)

**Contact no:**+919597250952

**Career Objective**

To pursue a career with an Organization which energizes me towards highest individual and professional growth in a manner that I can utilize my field knowledge and prove myself as an asset to the organization and the society.

**Academic Qualification**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Course/**  **Discipline** | **University/**  **Board** | **Name of the Institution** | **Year of Passing** | **Percentage/ CGPA** |
| **1** | B.E-EEE | Anna University | Vel Tech Engineering, Chennai. | 2015 | 7.4 |
| **2** | HSC | State Board | Sri Vidya Mandir matric higher secondary school, Uthangarai. | 2011 | 89 |
| **3** | SSLC | Matriculation | Sri Vidya Mandir matric higher secondary school, Uthangarai. | 2009 | 88 |

**Computer Proficiency**

* **Office Automations** : MS Office Package-Word & Power point.
* **Technical Automations**: Lab view, Basics of C Programming.

**Academic Project**

**Title : Automatic Anesthesia Infuser based on Heart Rate Variability**

**Description:**

This project deals about automatically infusing anesthesia to patients who undergoes any major treatment by measuring patient’s biological parameter. Normally there will be variations in body’s biological conditions after anesthesia. The parameter considered here is Heart Rate Variability (HRV). HRV is the variation in peak to peak (R-R) interval. This is obtained from ECG signal through Fast Fourier Transform (FFT) technique by using Code Composer Studio software. The program is then embedded into the Digital Signal Controller. According to the variation in HRV, the output signal from the controller will rotate the stepper motor. The stepper motor rotation will cause the syringe to infuse anesthesia to patients.

**Areas of Interest**

* Power Electronics
* Control System

**Co-Curricular activities**

* Participated in photoshop workshop organized by **IIT MADRAS**
* Undergone **Implant Training in Deisel Power Plant**

**Personal Details**

* **Name**  : Monisha.R
* **Father’s Name** : Ravichandran.K.T
* **Age and DOB**  : 21 Years, 08-11-1993.
* **Sex**  : Female.
* **Permanent Address** : 5/314a

Venkatasamudram,

Bargur,

Krishnagiri,

Tamil Nadu-635104.

* **Languages Known** : English,Tamil and Telugu.
* **Hobbies** : social networking,listening music

**Declaration**

I here by declare that the details given above are true to the best of my knowledge.

**Place: Chennai**

**Date:** **[MONISHA.R]**