

# LEELAVATHI.M



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## OBJECTIVE

Seeking a position to utilize my skills and abilities in an industry that offers professional growth and attain a unique identity being resourceful, innovative and flexible.

## EDUCATIONAL QUALIFICATION

Qualification	College/Institute – Place	Percentage	Year of passing
<b>B.E</b> (Electronics and Communication)	Excel College of Engineering and Technology, Komarapalayam.	78.8%	2016
<b>H.S.C</b>	Government Girls Higher Secondary school, Jalakandapuram.	82.5%	2012
<b>S.S.L.C</b>	Government Girls Higher Secondary school, Jalakandapuram.	85.2%	2010

## TECHNICAL SKILLS

- Good Knowledge in C, basics of OOPS Concepts and core JAVA.
- Basic knowledge in manual testing.
- Basic Working knowledge in Automation Testing
- Basic knowledge on SQL

- Working knowledge in MS-Office
- Working ability in Windows Operating System

## **ACHIEVEMENTS**

- Secured Department topper in First year and Final year.

## **CERTIFICATIONS**

- Completed Automation Testing and Manual Testing course at Empowersys training partner certified by TCS ION.
- Completed core java course certified by TCS ION.

## **ACADEMIC PROJECT**

**TITLE:** “Optimization of Fuzzy C-means using Darwinian Particle Swarm Optimization on MRI Image”

**SOFTWARE:** MATLAB 7.0

### **DESCRIPTION:**

In this project The Global Optimization process is established for separate the brain’s neurons, thalamus and lobes from Back round image and more over by using DPSO with Fuzzy c-means algorithm it improves the intensity and reduce the timeslot in efficient manner compared with the Particle Swarm Optimization method.

## **OTHER PROJECTS**

**TITLE:** “Automatic machine fault detector”

**COMPONENTS:** Light dependent Resistor, Voltage Regulator-IC7805

### **DESCRIPTION:**

The main principle of this circuit is if any obstacles or fluctuations in the machines, Immediately LDR will glow and BUZZER will also blow. LDRs are placed in front of each machine in dark places. LDRs are inversely proportional to BUZZER.

**TITLE:** "ROBOTICS" -Rotating Robot

**COMPONENTS:** Gripper - rotate at 90°, Vacuum generator with sensor (feedback)

### **DESCRIPTIONS:**

While the relay is switched on it starts to rotate with RPM Value about 500-2000 in the right shift mode. This project is used to cut the wafer of Semiconducting material, mixing the chemical components evenly.

## **IN-PLANT TRAINING**

Undergone In-Plant Training on “TELECOMMUNICATION” Department in Southern Railway Division, Salem.

### EXTRA CURRICULAR ACTIVITIES

- Won in Shuttle Match in Excel Institutions, komarapalayam, Namakkal
- Won in Chess Match in Excel Institutions, komarapalayam, Namakkal
- Play a role as Joint Secretary in Association of ECE Department in Excel Institutions, komarapalayam

### CO-CURRICULAR ACTIVITIES

- Successfully Published My Academy project in The International Journal of Engineering and Applied science Volume 3 Issue 3(March 2016) in the date of 10th April 2016.
- Won I-Prize for Paper Presentation “**Brain Controlled Artificial Legs by using Electro Encephalography Technique**” in J.K.K.N College of Engineering and Technology, held on 13th Sep 2014 at Komarapalayam.
- Won I-Prize for Paper Presentation “**Nano leaves Electricity-A Future Renewable Energy Source**” in J.K.K.N College of Engineering and Technology, held on 28th Feb 2014 at Komarapalayam.
- Won II-prize for **QUIZ** competition held on 2010-2011 in Govt.Hr.Sec.School, Jalakandapuram, Salem
- Successfully Participated in the **ISTE-SRMC 2013-2014 MATHEMATICS EXAMINATION** conducted by Indian Society for Technical Education, New Delhi.

### STRENGTHS

- Confident and Determination towards my works.
- Adopt myself in any sort of circumstances.
- Flexibility.

### PERSONAL DETAILS

GENDER : Female  
DATE OF BIRTH : 10 May 1995  
LANGUAGE KNOWN : Tamil, Kannada and English

### DECLARATION

Hereby, I assure that the Information furnished above is true. If I get an opportunity to work in your concern, I assure that I shall discharge my duties to the fullest satisfaction of my Employer and to the best of any my ability.

**Date:**

Yours sincerely,

**Place:**

M. LEELAVATHI