**K.GAYATHRI**

25c, Rathinapuri, Sambath Street Coimbatore -641027

9092301457 | [gayathrikalidass13@gmail.com](mailto:gayathrikalidass13@gmail.com)

**OBJECTIVE**

To enhance my professional skills, capabilities and knowledge in an organization which recognizes the value of hard work and trusts me with responsibilities and challenges

**EDUCATION**

* Amrita Vidyalayam CBSE School, Coimbatore (2016)

**Completed with 8.2 CGPA**

* Sri Ranganathar Institute of Polytechnic College, Coimbatore (2019)

**Diploma in Electrical & Electronics Engineering Completed with 83%**

* Sri Ranganathar Institute of Engineering and Technology, Coimbatore (Currently Pursuing)

**BE. Electronics and Communication Engineering, up to 5th semester 9.4 CGPA**

**PROGRAMMING SKILLS**

* Python
* Strong in Excel

**SOFTWARE KNOWN**

* Mat lab
* Xilinx
* Verilog

**AREA OF INTERST**

* + - Digital Electronics
* Microprocessor and Microcontroller
* Embedded System

**PROJECTS**

* **Smart shoes using piezo electric transducer**

This project is to design a self generating charger for charging portable device such as camera, charing gadget during walking, piezoelectric transducer as a voltage source, which will give varying output depending on pressure applied

* **Smart Wearable’s for the Disaster Rescuers**

This project work proposes the integration of sensors in the field of disaster relief operations. This work particularly stresses disaster relief operations. The primary emphasis of this study is on human and water detection ,human detection will aid the process of search in rescue operation and water detection will aid the sensors to alarm once the threatening level attained the findings indicate that this is capable of performing search and rescue operation with good accuracy.

* Submitted a project proposal for **“Tamilnadu State Council for Science and Technology”** ,The Objective of this project is to develop a system to keep the vehicle secure and protect it by the occupation of the intruders. Vehicle accidents are most common if the driving is inadequate. This happen on most factors if the driver is drowsy, lack of concentration, heart attack or if he is alcoholic. Driver drowsiness and heart attack is recognized as an important factor in the vehicle accidents. It was demonstrated that driving performance deteriorates with increased drowsiness with resulting crashes constituting more than 20% of all vehicle accidents. But the life lost once cannot be re-winded. Advanced technology offers some hope avoid these up to some extent.
* Currently doing a **Project on IBM** in **cloud computing**.(Use cases 2) **NUTRITION ASSISTANT APPLICATION,** Due to the improvement in people’s standards of living, obesity rates are increasing at an alarming speed, and this is reflective to the risks in people’s health. People need to control their daily calorie intake by eating healthier foods, which is the most basic method to avoid obesity.

**INDUSTRIAL EXPOSURE**

* **“SRI group of industries”,** Coimbatore
* **“APK Tech Automation Solutions (p)Ltd**”,coimbatore

**ACHIEVEMENTS & AWARDS**

* **Rajiyapuraskar award (Governor Award)**
* **WAGGGS - U Ambassador**
* **Sahodaya zonal level Kabbadi player**
* Participated in one day National level workshop on **"NANO TECHNOLOGY**”, conducted by Sri Ranganathar Institute of Engineering Technology”
* Participated in “National Level Workshop on Artificial Intelligence”, conducted by “Pantech e learning”
* Participated in “National Level Webinar on **Awareness of Covid and Importance of Vaccination,** conducted by “**Unnat Bharat Abhiyan”**
* National webinar **on "Renewable energy smart micro-grids”,** conducted by Mandsaur University
* Participated in International level Webinar on **“Artificial Intelligence on Power System Compensation”** organized by RVS College of Engineering &Technology.
* Attended various "TECHNICAL QUIZ" through online mode.

**CO-CURRICULAR ACTIVITIES**

* Participated in Presentation on “Smart Wearable’s” for the disaster rescuers in inter – college competitions.
* Participated in Presentation on” Accident Rectifier “in inter –college competition
* Won “third price” on technical event in Cultural day
* Ranger Leader of The Bharat Scouts and Guides India , Running a unit at “Sri Ranganathar Institute of Polytechnic College”

**COURSE COMPLETED**

* Completed 6 months "mobile services" and " PCB design "course in Canada India Institutional co-operation project
* 30 days Live Aptitude Training Course ,conducted by Department of Mechanical Engineering &Career Development Cell(EDC)

**LANGUAGE KNOWN**

* **TAMIL –** speak ,read ,write
* **ENGLISH** – speak ,read ,write

**PERSONAL DETAILS**

Name : K.Gayathri

Father’s Name : A.Kalidass

Date of Birth : 13/08/2000

Address : No.25c Rathinapuri Sambath Street 3rd Cross

Coimbatore – 641027

Nationality : Indian

Hobbies :

* Surfing through the internet
* Participating in environmental activities
* Gardening
* Dancing
* Promoting WAGGGS activities

**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge

Place:

Date:

K. GAYATHRI