



# SOWNTHARYA V

## ELECTRONICS AND INSTRUMENTATION ENGINEER

### CAREER OBJECTIVE

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Able to utilize my skills and abilities in the industries that offers professional growth while being resourceful, innovative and flexible.

### EDUCATIONAL QUALIFICATION

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- **B.E – Electronics and Instrumentation Engineering**  
**-Bannari Amman Institute of Technology -**  
**Graduation Year 2024**
  - Attained a CGPA of 8.69 (upto 5th semester)
- **HSC - Sri Venkateshwara Vidhyalayaa Higher**  
**Secondary School, Gobichettipalayam - 2020**
  - Attained a Percentage of 78 %
- **SSLC - Sri Venkateshwara Vidhyalayaa**  
**Matriculation School, Gobichettipalayam - 2018**
  - Attained a Percentage of 93 %

### INTERNSHIP

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- Industry Name : **SALEM STEEL PLANT**  
Role : Student  
Duration : 15 Days [May, 2022]

The special steels unit of Steel Authority of India Ltd, have successfully completed my industrial training on HRM(Hot Rolling Mill), CRM(Cold Rolling Mill), and process taking place inside those mills.

### PROJECTS

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- **Smart Waste Management System Based of IOT using Arduino**  
**Team size : 4**

The smart and organized system is designed for selective clearing.This system provides an effective solution to the waste management problem.
- **Line follower and Obstacle avoider robots**  
**Team size : 2**

These bots were fully automated and designed with advanced technologies.

### CONTACT

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<https://www.linkedin.com/in/sowntharya-v-a62022218>



<https://github.com/SOWNTHARYA-135>

### PROGRAMMING SKILLS

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- C Programming
- C++ (intermidate)
- HTML,CSS

### SOFTWARE SKILLS

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- Proteus
- MATLAB
- Tinkercad

### PERSONAL SKILLS

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- Leadership
- Responsibility
- Adaptability

## AREAS OF INTEREST

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- Digital Electronics
- Web Development

## LANGUAGES KNOWN

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- English (R\_W\_S)
- Tamil (R\_W\_S)

## HOBBIES

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- Pencil Art
- Gardening
- Photography

## PERSONAL DETAILS

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Father's Name : Mr . Vellingiri N

Mother's Name : Mrs . Pushpavathi V

DOB : 12 / 01 / 2003

Gender : Female

Nationality : Indian

- **Air & Acqua Biomonitoring System(Ongoing)**

**Team size : 3**

A device which detects the impurities in air and water.

## PATENT FILED

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Title : **HUMAN COMFORT ZONE** (Filed)

Team Size : 5

Date : 25/04/2022

This is to make a person feel comfort within boundary.

Automatic without Man-power.Human Activity Recognition sensor has been used.

## COCURRICULAR ACTIVITIES

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### 1.CONFERENCE / SYMPOSIUM

- Participated in "International Conference on Recent Innovation in Science, Engineering and Technology" (ICRISET 2021) paper titled "Potential Blockchain Effect on Financial Research is therefore a Verification Task" event conducted by Jeppiaar Institute of Technology
- Participated in "National Conference on Recent Advancements in Science, Engineering and Technologies" (RASET 2021) paper titled "Information Retrieval Chatbot Based On Database" conducted by Bannari Amman Institute of Technology

### 2.PRODUCT DEVELOPED

- **Wireless Notice Board using Bluetooth**

The Wireless Notice Board is a Android Product whose applications can be controlled by the user using Bluetooth module HC-05

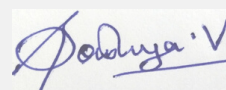
## DECLARATION

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I Sowantharya , hereby declare that the above mentioned details are true of my knowledge.

**Place: Erode**

**Date:**



**SOWNTHARYA V**