

**P.AJAYBALAJI**  
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### OBJECTIVE:

- To obtain a position as an instrumentation Engineer where my skills and abilities will be utilized to enhance the productivity of an organization.

### EDUCATIONAL QUALIFICATION:

**2021-2023: M.E-** Process Control and Instrumentation Engineering  
Annamalai university, Chidambaram.

**CGPA – 9.02 (90%) FIRST CLASS**

**2017-2021: B.E -** Electronics and Instrumentation Engineering  
Annamalai university, Chidambaram.

**CGPA - 8.12 (81%) FIRST CLASS**

### PROJECTS:

- Design and implementation of IoT based Inundation system in cross bread method with ensures monitoring certain essential parameters and controlling the most critical parameters namely temperature, moisture and humidity.
- To develop a prototype of an automated Biofloc system, which ensures monitoring certain essential water quality parameters and controlling the most critical parameters namely the Dissolved Oxygen (DO) and water temperature in the tank.
- Automatic engine locking system through alcohol detector.

### PUBLICATIONS:

- Design and implementation of climate based irrigation system.
- Design and implementation of smart Innovation system with various atmosphere

## **INTERNSHIP PROGRAMMES:**

- Internet of things and cloud computing.
- Operation of bio digester through SCADA.
- Impact of artificial intelligence on clean energy and sustainability.
- Conference selection for paper presentation and publication.

## **SOFTWARE SKILLS:**

- Experience in Proteus design suite 8.0.
- Experiences MAT lab.
- Experiences in Arduino IDE.
- Experiences in LAB view.
- Experiences in tinkercad.

## **FIELD OF INTEREST:**

- Process control and instrumentation engineering.
- Embedded system.
- Internet of Things (Iot).
- Big data analysis.

## PERSONAL DETAILS:

Father Name : Dr.P.Pandiyan, Phd  
Professor  
Dept of statistics.  
Faculty of Arts and Science.  
Annamalai university.

Mother Name : Mrs. A .Jayalakshmi, B pharm.  
Assistant technical officer.  
Dept of pharmacy.  
Faculty of Engineering & Technology  
Annamalai university.

Date of Birth : 24.08.1998

Gender : Male

Nationality : Indian

Religion : Hindu

Community : MBC

Languages known : Tamil and English.