

## J. AJEETHA THASNEEM

Flat no. S2, Gemini Enclave, 3rd Street Ponni Nagar, Pammal, Chennai-75  
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### OBJECTIVE

To obtain challenging position in a reputed organization where I can learn new skills, expand my knowledge and leverage my learning.

### EDUCATION

QUALIFICATION	YEAR OF PASSING	INSTITUTION	PERCENTAGE/ CGPA
M.E. Communication Systems	2022	Government College of Engineering, Karupur, Salem.	9.3
B.E. Electronics and Communication Engineering	2020	Mahendra College of Engineering, Minnampalli, Salem.	7.17
HSC	2016	Government Girls Higher Secondary School, Salem.	84%
SSLC	2014	Government Girls Higher Secondary School, Salem.	91%

### VALUE ADDED COURSES

- Completed a Three days Internship program on “C language” from 18.6.2019 to 20.6.2019 in Odugaatech.
- DCA certification in CCI Computer Education, Gugai, Salem with **A+ Grade**.

### CO-CURRICULAR ACTIVITIES

- Presented a paper named “Slant correction for English handwritten Characters” in International Conference on Robotics and Communication Technology (ICRCT’22) Organized by Department of ECE ,PERI Institute of Technology on 4<sup>th</sup> January 2022.
- Participated in Faculty development program on “Recent advancement in Electronics and communication Engineering” Organized by Department of ECE in Association with ECE – TECHNOBLAST from 8<sup>th</sup>June 2021 to 12 June 2021 at Dr N.G.P Institute of Technology, Coimbatore.
- Participated in Second International Conference on Emerging Trends in Materials, Computing and Communication Technologies “ICETMCCT 2021”Organized by Annai Vailankanni College of Engineering, during 9<sup>th</sup> December 2021 and 10<sup>th</sup> December 2021.

- Attended the two workshop on “Design and Development of Computer Aided Diagnosis System of Mammogram Images Using Medical Image Processing and Deep Learning Techniques” organized by Council of Scientific and Industrial Research (CSIR), New Delhi on 29th and 30th July 2019.
- Presented a project titled “MULTIPURPOSE SMART BAG” in “7th ISTE State Level Student Annual Convention for Polytechnic Colleges 2019” held on 8<sup>th</sup> March 2019.
- Presented a paper about “EMBEDDED SYSTEMS” in Government College of Engineering, Dharmapuri on 9<sup>th</sup> March 2018.

## EXTRA- CURRICULAR

- Participated in speech competition and won 1st prize in “**Pongal day**” Celebrated on 2019 and 2020.
- Participated in World Women Hackathon 2018 and takes place in Asian books of records.
- Participate in 42<sup>nd</sup> UPU letter writing competitions conducted by Department of postal, India on 6<sup>th</sup> Jan 2013..
- Participated in anchoring and MOC in college cultural events.
- Joint secretary of social service club.

## ACHIEVEMENTS

- Presented in Conference and won **BEST PAPER AWARD** for paper titled “Handwritten Text Recognition System” at the “International Virtual Conference On Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2022)” held on 28 & 29 April 2022 Organized by the Department of ECE, Velammal Institute Of Technology, Chennai.
- Presented our paper in National E Conference and won a **BEST PAPER AWARD** for paper titled “Smart Farm Management System For Precision Agriculture Using IoT” at Advanced Electrical, Computing & Communication Technology (AECCT 2020) held on 5 & 6 June 2020 Organized by the Department of ECE, Adithya Institute of Technology, Coimbatore.
- Presented a paper about “SPINTRONICS” and won **1<sup>st</sup> Prize** during the state level technical symposium ECON 2k18 in Muthayammal engineering college on 29th September 2018.
- Presented a paper about “OLED” in Gnanamani college of technology and won **3<sup>rd</sup> Prize** in national level technical symposium, Gnan Whizkid 2k18 Held on 30 August 18.
- Presented a paper and won **3<sup>rd</sup> Prize** which was titled “Applications of Physics” at “science day17” held on 28.02.2017 that was Organized by Mahendra College Of Engineering, Salem.
- Secured class **1<sup>st</sup>** in second semester and class **2<sup>nd</sup>** in third semester of university examination.

## JOURNAL PUBLICATIONS

- Publish a journal, which titled “**SMART FARM MANAGEMENT SYSTEM FOR PRECISION AGRICULTURE USING IOT**” on *International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)*, Vol. 7, Issue 7, July 2020.
- Publish a journal titled “**EXTRACTION OF CURSIVE HANDWRITTEN CHARACTERS**” on *International Journal of Advances in Engineering and Management (IJAEM)* ISSN:2395-5252, Vol. 03, Issue 10, October 2021.

## MINI PROJECTS / PROJECTS

### PG PROJECTS

#### ➤ PHASE I:

**Title:** Handwritten Text Recognition System

**Description :** This Project proposed that it recognize the handwritten English Text using Py-Tesseract and gives 95% accuracy.

#### ➤ PHASE II

**Title :** Slant Correction For Handwritten Characters

**Description :** The main difficulties of recognition which slant correction is done with the help of Hough lines method and segmented the corrected text.

#### ➤ MINI PROJECT

**Title :** Extraction Of Cursive Writing Character

**Description :** Extraction of cursive writing text is done to find the difficulties on Text recognition

### UG PROJECTS

#### ➤ MAIN PROJECT

**Title :** Smart Farm Management System For Precision Agriculture Using IoT

**Description :** This system proposed in agriculture for analysing and monitoring soil characteristics and plant growth with the help of IoT.

#### ➤ MINI PROJECT

**Title :** Mobile phone detector-Detects incoming and outgoing calls and messages by using CA3130.

**Description:** Multi Purpose Smart Bag -Remembering the files which is left to kept in bag RF-ID.

## PERSONAL INFORMATION

**Date of Birth** : 01 December 1998

**Nationality** : Indian

**Marital Status** : Married

**Language Known** : English, Tamil, Urdu, Hindi

**Hobbies** : Reading Books, Playing Chess.

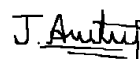
**Permanent Address** : Flat no S-2, Gemini Enclave, 3rd Street Ponni Nagar, Pammal, Chennai.

## DECLARATION

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

**Date:** - - 2023

**Place:** Chennai



**(J. Ajeetha Thasneem)**