

# Arjun. A

Phone: +91-9972581970

Mail-id: [arjunhskec@gmail.com](mailto:arjunhskec@gmail.com)

## Objective

---

Seeking a dynamic, challenging opportunity in your organization that contributes to maximize my potential and expand my acquired knowledge to best use. I'm flexible, quick to pick up new skills and eager to learn from others.

## Personal Data

---

Place and Date of Birth: Ballari, Karnataka | 07 09 2000

Nationality: Indian

Address: Door no. 35, Ward no. 6, Mruthunjaya nagar,  
Ballari, Karnataka-583101

Phone: +91 9972581970

Email: [arjunhskec@gmail.com](mailto:arjunhskec@gmail.com)

LinkedIn: [linkedin.com/in/arjun-ambekar-9aaa5a171](https://www.linkedin.com/in/arjun-ambekar-9aaa5a171)

## Education

---

### PURSUING **Doctor of Philosophy**

Electrical, Electronics and Communication Engineering  
Indian Institute of Technology, Dharwad

### NOV 2025 **Master of Technology**

VLSI Design and Embedded Systems  
Dept. of Electronics and Communication Engineering  
Rao Bahadur Y. Mahabaleshwarappa Engineering College, Ballari  
VTU, AICTE, UGC, NBA  
CGPA:

### JUL 2022 **Bachelor of Engineering**

Electronics and Communication Engineering  
SDM College of Engineering Technology, Dharwad  
VTU (Autonomous), AICTE, UGC, NBA  
CGPA: 7.75

### AUG 2019 **Diploma**

Electronics and Communication Engineering  
Hanagal Sri Kumareshwara Polytechnic, Ballari  
Board of Technical Education, Karnataka  
AGGREGATE: 72

### MAY 2016 **SSLC**

Setra Gurushathappa Comp Pre University College, Ballari  
State Board of Secondary Education, Karnataka  
PERCENTAGE: 56.48

## Skills

---

Programming Language: Basics of C, C++

Network Protocols: TCP/IP, UDP

Software: Matlab / Simulink

Scripting Tools: MS office  
Operating Systems: Windows XP/7/8/8.1/10, Android

## Work and Internship

---

Paper 1: **An Image Processing for Plant Disease Detection Using Heatmaps**

Paper 2: **Advanced SMS System for Blind People Using Braille Pad**

Paper 3: **Design And Analysis of Low Noise Amplifier Using Source Inductor Degenerative Topology**

Project 1: **Smart Street Lights and Movable Divider**

IOT System with Controller Arduino UNO (ATmega328) – Platform: C, Arduino IDE

Project 2: **Android Controlled Semi Auto Floor Cleaner**

Compact robot on Microcontroller (8051) with Android app – Platform: Embedded C, Keil  $\mu$ Vision, MIT App Inventor

Project 3: **Smart System for Early Identification of Diseases & Pests in Crop**

Trained Neural Network Model Using CNN and with Image Processing Algorithm – Platform: Python, Google Colab

Internship 1: **Intern at Live Wire and Trainee on Topic Programmable Logic Controller (PLC) & Supervisory control and data acquisition (SCADA) - 2019**

Internship 2: **Intern at Haegl Technologies, SDM Startup on AI & CNN - 2022**

Internship 3: **Intern at Haegl Technologies, Hubbali on Circuit Design & Simulation in Cadence Virtuoso - 2024**

## Accolades and Attainments

---

### Technical

- **Competed at National Level Project Exhibition**, PDIT Hospet – 2019
- **Presented at Sandur Polytechnic on LiFi & GiFi**, Yeshwanthpur – 2016, 2019
- **Workshop at Fire Station**, Ballari
- Organizing Committee and Participant at **IEEE Virtual National Level Project Idea Presentation** on Current trends - 2021
- **Student Vice Chair & Student Member of IEEE**, Information Theory Society (ITS) Chapter
- Completed **NPTEL Course** in System Design Through Verilog, **IIT Guwahati**
- Completed **NPTEL Course** in Sensor Technologies, Physics, Fabrication and Circuits, **IISER Bhopal**
- Completed **FDP** on “Emerging VLSI and Antenna Technologies for Secure Communication in Defense Systems and Enhanced Radiation Protection in Space Environments”.
- Completed **FDP** on “Digital Hardware Engineering with FPGA”

### Non - Technical

- **NCC A Certificate** in JD Army Division & Leader at NCC
- Completed 10 Days **NCC Tal Sanik Camp (TSC)**
- Active Member of **Humane World for Animals** (Animal Rescue and Conservation)
- Member of **National Service Scheme (NSS)**

## Languages

---

English:	Fluent
Kannada:	Fluent
Hindi:	Fluent
Telugu:	Fluent
Marathi:	Mother Tongue

## Interests and Activities

---

Music, Cooking, Amazing facts, Foot Ball, Shuttle cock.

## Declaration

---

I hereby declare that the above-mentioned information is correct up to my knowledge

Date:

Arjun A