

# MAYURI MALGI

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## CAREER OBJECTIVE

To obtain an entry-level position as an Electronics and Telecommunication Engineer with an organization which would enable me to utilize my education while gaining valuable work experience in a team oriented environment

## ACADEMIC CREDENTIALS

Course	Institution	Board/University	Year Of Passing	Percentage
B.E(E&TC)	Sinhgad Institute Of Technology and Science,Narhe,Ambegaon,Pune	Savitribai Phule Pune University	2017	65.33
HSC	Jai Hind Junior College,Pimpri,Pune	Maharashtra State Board	2013	67.00
SSC	Jai Hind High School,Pimpri,Pune	Maharashtra State Board	2011	81.82

## PROJECT PROFILE

- **Academic Project**

Topic: Field-Programmable Gate Array(FPGA) based smart camera for high dynamic range real time video

Duration: 1 year

Description: The aim of project is to produce a high dynamic range live video colour stream using Spartan 6E FPGA. The masking technique helps to secure the broadcasting of data from one medium to another

Software Tools: Xilinx ISE

Hardware Tools: Spartan 6E FPGA Board, Camera, Video Daughter Card, Keyboard, Liquid Crystal Display.

- **Mini Project**

Topic: Microcontroller based highway accident avoidance system

Duration: 6 months

Description: The aim of project is to detect, monitor and give notifications to car driver regarding various issues in the car to avoid accidents on road

Software Tools: C,PIC Kit, MPLAB

Hardware Tools: Microcontroller PIC-18,Sensors,Buzzer,LCD,Analog to Digital Convertor, Power Supply

## TECHNICAL SKILLS

- **Programming Languages:** C,C++,Core Java, Multi-Threading
- **Software Skills:** Microsoft Office Suite, Turbo C ,Turbo C++,Matlab, Multisim
- **Instrumentation:** Multimeter, Oscilloscope ,Function Generator

## WORKSHOP

- Handset Repair Engineer(Level=II) workshop by NSDC

## EXTRACURRICULAR ACTIVITIES

- Sponsorship Volunteer of events held in Sinhgad Techtonics-2015
- Actively participated in International Coastal Cleanup activity conducted by Ocean Cadet Academy

## CERTIFICATIONS

- EC-Council Certified Secure Computer User V2
- CompTIA Certified IT Fundamentals
- Star Certified Star Cyber Secure User-R11

## ACHIEVEMENTS AND AWARDS

- Was awarded the Certification of Excellence from Sinhgad Institutes for Participating as an active member in publishing **“The College Times”** newspaper
- Received Certificate of Appreciation as a **“Best Teacher”** from Principal Dr.S.N.Mali
- Was awarded the Certificate Of Merit as a runner up in “Dodge Ball” game from Jai Hind Junior College Year-2011-12

## PERSONAL DETAILS

- Date Of Birth: 27<sup>th</sup> November 1995
- Gender: Female
- Nationality: Indian
- Languages Known: English, Hindi, Marathi

## DECLARATION

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

Place: Pune

Regards,

Date:

Mayuri Shridhar Malgi