

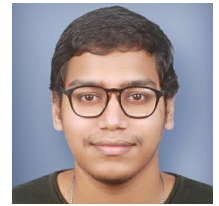
## ASHUTOSH SAHOO

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### Education

Department of Technology, Shivaji University, Kolhapur

2017 - 2021

B.Tech Electronics and Communication Technology

8.4 CGPA

Chh. Shahu Vidyalaya, Kolhapur

2017

HSC(Maharashtra State Board of Secondary and Higher Secondary Education)

71.38%

S.D.A Higher Secondary School

2015

ICSE(Indian Certificate of Secondary Education)

72.57%



### Internship

Completed two weeks Internship in **Electronics** in **Milk Product Preservation and Dairy Productivity** at Mayuresh Industries (December 2018)

Completed four weeks Internship in **Embedded Systems** at Indiam technologies (June 2019)

Completed four weeks Internship in **Telecommunication Systems** at RTTC BSNL, Pune(December 2020)



### Certifications

Completed certification course on **python** from PythonX (March 2021)

Completed **MATLAB Onramp** course from MATHWORKS, Training services (April 2020)

Completed three days workshop on **Joy of Programming** under lead college activity of Shivaji University (March 2020)

Completed two weeks **PLC(Programmable Logic Control)** organized by IGTR (Indo-German Tool Room) Aurangabad, conducted at Advanced Technology Centre (ATC), Shivaji University (February 2019)

Completed two weeks **Advanced PLC SCADA** organized by IGTR (Indo-German Tool Room) Aurangabad, conducted at Advanced Technology Centre (ATC), Shivaji University (October 2019)



### Technical Skills

C, Python

Knowledge in Circuit Simulation using Proteus 8.6 software

Advanced Hands-on experience of Printed Circuit Board designing using EasyEda software

Familiar with 8051 & PIC16F877 microcontroller in assembly & c language using Keil µVision



### Interpersonal Skills

- Worked as an event incharge for the event **Startup Time** based upon Innovative Startup Ideas at JARVISTech-2k19, A college level organised event (September 2019)
- Worked as a Volunteer for **Engineer's Day** event organised by E.I.S.A (September 2018)
- Completed **Student Excellence & Learning Program (SELP)** organised by The Art of Living (March 2019)
- Communication skills, Leadership skills, Coordination skills, Management skills



### Co-Curricular Activities

- Participated in Poster Presentation contest organised by E.I.S.A (September 2017)
- Participated in Line follower robo race competition organised by E.I.S.A (September 2018)
- Participated in Hurdle robo race competition organised by E.I.S.A (September 2018)
- Actively participated in one week workshop on The Art of Living (March 2019)



### Achievements

- Shortlisted for Proignito, Technical event, Circuit Simulation event at Walchand College of Engineering Sangli (September 2018)
- Nominated for Student Excellence Scholarship in First & Second year B.Tech Electronics and Communication Technology program
- Ranked 1st in Third year from Electronics and Communication Technology program



### Projects

#### Major Project (Final year, 2020-2021)

Title:- Night vision surveillance for human movement detection

Description:- Portable, cost effective Night Vision Surveillance System designed for detecting Human Motion in Real-time Video feed captured through Night Vision camera. It uses Data Science techniques and tools to predict / detect the Human Motion.

#### Mini Project (Third year, 2019-2020)

Title:- Smart Medical Kit

Description:- Consuming medicines prescribed to the patients by their physicians and doctors might be difficult now a days as the old age patients might not remember to take their medicines at right time. Hence to solve this issue we have developed a kit where by the use of programming the user can easily access to the prescribed medicines.

#### Micro Project (Second year, 2018-2019)

Title:- Automatic Wiper Control

Description:- An automatic wiper control, helps not only in increasing safety by reducing distractions but also increases the overall comfort. In this project we used IC555, LM358, L293d motor driver IC, capacitors, resistors and LED's to implement the circuit.

#### Short circuit(Overcurrent) protection

Project was related to Embedded Systems and Power Designing. I was appointed as the incharge of circuit designing and schematic design section of the projects.

#### T-Shirt Printing Panel

Worked as an Assistant for custom designed T-Shirt Printing Panel.



### Projects done during Internship

Short circuit(overcurrent protection) [Major Project]

Arduino based Calculator - Task 1

Arduino based Temperature sensor using LM35 - Task 2

Arduino based 7 segment counter - Task 3



### Personal Details



Date of Birth : 01 February, 2000

Gender : Male

Nationality: Indian

Languages known: English, Hindi, Odia, Marathi

Hobbies: Playing Guitar, Travelling, Listening Music



### Declaration



I hereby declare that all the above mentioned information given by me is true and correct to the best of my knowledge and belief.

Date: 09/09/2021

Place: Kolhapur

(Ashutosh Sahoo)