

RESUME



SWATI MADHUKAR VALKUNDE

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Date of Birth: 18th December, 1994.

OBJECTIVE

Seeking a position to utilize my skills and abilities in the leading corporate of hi-tech environment with committed and dedicated people that offers professional growth while being resourceful, innovative & flexible.

M.E. PROJECT

Title: Design and Simulation of 2:1 Multiplexer for Low Power & Minimum Area

Scope of Project: To Design and Simulate the 2:1 multiplexer for reducing and Area & Power of CMOS Design. In this project, we design 2:1 CMOS Multiplexer using three design methodologies. These three methodologies are standard cell based, semi-custom and full custom. Microwind 3.5 tool is used to design and simulation.

B.E. PROJECT

Title: Real Time Axial Cutting Force Measurement of Lathe Machine Using ARM7 Based Dynamometer

Scope of Project: To measure axial cutting forces on Cutting Tool, Temperature measurement while Operation and plotting Graph of same.

MINI PROJECT

Title: Green-House Monitoring & Controlling System using PIC18f4520

Scope of Project: To present a Green House Monitoring & Controlling Model in an Exhibition to aware our students, staff and visitors regarding same.

RESEARCH PAPER PUBLICATION

- Paper Published on "Design and Simulation of 2:1 Multiplexer for Low Power and Minimum Area" with **PAPER CODE: ijetrm0408-05**. Also, present paper in ICAETM & eGPPEX-2020 organized by board studies (E&TC) in association with Pimpri Chinchwad College of Engineering Pune.
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EDUCATIONAL CREDENTIALS

ME (E & TC.), 2020 (Specialization in VLSI & Embedded System)

Dhole Patil College of Engineering, Wagholi, Pune.
Savitribai Phule Pune University, 8.02 CGPA in 2nd Year.

BE (E & TC.), 2016

VIT Pune's Dnyanshree Institute of Engineering and Technology, Satara,
Shivaji University, **71.85% First Class with Distinction.**

HSC, 2012

J.C. Agashe Junior College, Malshiras. Maharashtra Board, **76.37% First Class with Distinction.**

SSC, 2010

Kanya Prashala, Malshiras. Maharashtra Board, **88.55%, First Class with Distinction.**

COMPUTER SKILLS

Known Software	Keil u vision 5, MPLAB, Xilinx, MATLAB, SCARM, Proteus, Multisim
Operating System	MS office, Windows 2008/2007/2010 XP
Programming Languages	C, C++, Embedded C

CERTIFICATION COURSES DURING COVID-19 PANDEMIC

- Successfully completed “Aurdino” training offered by Spoken Tutorial Project, IIT Bombay.
- Participated in training on languages C & C++ organized by Teaching Learning Centre, IIT Bombay.
- Successfully completed training for “E-learning Program on Machine Learning” arranged by TATA STEEL.

EXTRA CURRICULUM ACTIVITIES

- Published Paper on “Real Time Measurement of Axial Cutting Forces of Lathe Machine using ARM 7 Microcontroller”, IJARIE 2017.
- Worked as a Head of “Women Harassment Committee” in Engineering College.
- Worked as Head of “ETSA Club Sports Committee” in College.
- Attended Workshops on Embedded System, VLSI, Digital Design.
- Participated in “**Analog circuit maker**” competition organized by Texas Instruments.
- Participated in Cultural and Sports events in College and also received prizes for same.

STRENGTHS

- Good Relationship Management skills, working effectively with all levels of management and the people therein.
- Highly motivated, enthusiastic & thorough professional, with capabilities of working on own initiative with a systematic approach & a single-minded dedication towards the task at hand.
- Positive approach towards new challenges and having ability to Lead Given Task effectively.

HOBBIES

Playing Volleyball & Kho-Kho, Listening Music, Cooking

DECLARATION

I do hereby, declare that all the information and given above are correct to the best of my knowledge.

Place:

Date:

Swati Madhukar Valkunde