



HASWANTH M

 (91+)9449615241

 malepatihasanth2004@gmail.com

 <http://www.linkedin.com/in/haswanth-m-271252259>

ABOUT

I am an Electronics and Communication Engineering student at JSS Academy of Technical Education, with a keen interest in core electronics fields such as VLSI design, embedded systems, and semiconductor technology. I enjoy exploring how electronic systems work at both the hardware and circuit levels. As part of my academic journey, I have worked on a project focused on harnessing power through footsteps, which deepened my understanding of energy harvesting and real-world circuit implementation.

TECHNICAL SKILLS

- Python (basics)
- Verilog HDL
- C language
- Embedded C

SOFT SKILLS

- Communication
- Leadership quality
- Active listener
- Problem solving

EDUCATION

YEAR	INSTITUTE	SGPA/Percentage				
		I	II	III	IV	V
2022-PRESENT	Bachelor of Engineering, Electronics and Communication <i>JSS Academy of Technical Education, Bangalore</i>	7.45	8.15	7.57	6.9	8.09
2020-2022	Sri Kumarans Children House PU College, Padmanabhanagar, Bangalore-560070	84%				
2020	Carmel School, Padmanabhanagar, Bangalore-560071	87.36%				

ACADEMIC PROJECT

PROJECT TITLE

1. Harnessing Power through footsteps

HIGHLIGHTS

- Built a system to generate electricity from footsteps using piezoelectric sensors
- Focused on sustainable and renewable energy concepts
- Simulated energy harvesting circuit in MATLAB for performance analysis

2. Real-Time Obstacle Detection and Alert System

HIGHLIGHTS

- Developed an obstacle detection and alert system using sensor-based technology with C programming on Arduino Uno.
- Implemented real-time detection and alert mechanisms to enhance safety and automation

LANGUAGES KNOWN

- English
- Telugu
- Kannada

CERTIFICATIONS

MATLAB Onramp

Python essentials 1 & 2

Introduction to C++

Symmetric Filter Design & Analysis-Enhancing Signal Processing Efficiency , Dassault Systemes

Development and Simulation of VIENNA RECTIFIER,Dassault Systemes