Neha Gajendra Shinde

Email id: shindeneha47@gmail.com   Contact: +91-7798662131, +91-9423008957

Career Objective:

Seeking an opportunity where I will be able to utilize my knowledge, organizational skills, ability to work well in group and lead the group which will make me to grow personally and professionally.

Academic Credentials:

EXAM	INSTITUTION	BOARD/ UNIVERSITY	YEAR	PERCENTAGE
ME (VLSI & Embedded system)	JSPM'S BSIOTR, Wagholi, Pune	University of Pune	2014-2016	8.2/10-1'st sem 8.72/10-2'nd sem 9.16/10-3'rd sem
BE (EnTC)	MIT Academy Of Engineering, Pune	University of Pune	2011-14	65.53
Diploma	AISSMS Polytechnic, Pune	University of Pune	2008-11	84.97
S.S.C.	NMV Girls School, Pune	Maharashtra State Board	2007-08	87.38

Skills:

❖ Technical Tools: **MATLAB**, **Python**, **C**, **Multisim**, **Github**
❖ Operating System: Windows, Ubuntu

Projects:

❖ Power Supply Design
   A DC power supply of +15 volt and -15 volt is implemented using regulator IC and basic electronic components.

❖ LPG Gas Detector
   This system is used to detect the LPG leakage and giving an alarm. This is implemented using 8051 microcontroller.

❖ Car Tracking System using GSM and GPS
   This is an Anti-Theft system used to determine the exact location of the car using global positioning system. Global system for mobile communication is used to send the location by SMS to the owner of the car. This is implemented using 8051 microcontroller.

- ❖ Smart Phone Controlled Wireless Cleaning Robot

    This project is a cleaning robot which cleans the floor wirelessly and which can be controlled using a smartphone with software called blue control application. The main processing unit consists of ATMEGA 16 microcontroller. The software coding language used in this project is C.

- ❖ 3D Scanner System

    This project is a 3D imaging system. The physical world around us is three-dimensional (3D). Traditional cameras and imaging sensors are able to acquire only two-dimensional (2D) images that lack the depth information. This system is able to acquire true 3D data, i.e. values of some property of a 3D object, such as the distribution of density, as a function the 3D coordinates (x; y; z) using stereo vision and LASER.

Personal Skills:

- ❖ Willing to work in a team
- ❖ Hardworking
- ❖ Like to learn new things

Co-Curricular Activities:

- ❖ Workshops: Image Processing, Antenna Design, MathWorks, Research Methodology.
- ❖ Paper Presentation on "Wireless Controlled Robot" at International Conference, MIT Pune.
- ❖ Paper presentation on "3D Scanner" at International conference **SCIPY, IIT Bombay**.
- ❖ **Research Intern** at **Castalia Research Labs**, Pune.

Extra-Curricular Activities:

- ❖ Event Management: Organizing committee of Blood Donation Camp, Student Coordinator in College Fashion Show.
- ❖ Achieved Yellow Belt in Karate in School.
- ❖ Got a medal in Rangoli Competition held in Diploma College.
- ❖ Participated in college level games like kho-kho, running race, and throw ball.
- ❖ Participated in paper presentations at inter college level.
- ❖ Got prizes for running race, good handwriting, and flower arrangement at school level.

Languages Known:

- ❖ English, Hindi, Marathi

Declaration:

I hereby declare that the information given above is true to the best of my knowledge & belief.

Date: / /
Place: Pune   **Name   : Neha Gajendra Shinde**