**RUPESH KOTHARI**

Address : E-904 ‘ROHAN NILAY’, near Spicer School, Aundh Pune-411007, Maharashtra, India

Phone no: +91-9096246607 Email: [kotharirupesh6@gmail.com](mailto:kotharirupesh6@gmail.com)

**OBJECTIVE:** To gain expertise in concepts related to my domain by evolving in a dynamic work environment and use it to propel the organization and my career in the right direction.

**EDUCATION QUALIFICATIONS:**

**Bachelor of Engineering, Electronics and Telecommunication Engineering July 2008 - June 2012**

Vivekanand Education Society’s Institute of Technology, Mumbai University, Mumbai, India 60.05%

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| **Examination** | **Year of Passing** | **Percentage** |
| Bachelor of Engineering | June 2012 | 60.05% |
| Class 12th (HSC) | March 2008 | 83.33% |
| Class 10th (SSC) | March 2006 | 89.33% |

**Academic Projects:**

**Final Year Project:** Designing of Micro-strip Coupled Line Filters

* In this project microstrip coupled line filters are being proposed. The purpose of this project is to design, analyze, simulate and measure the performance of microstrip coupled line filters. In this project IE3D software is used for simulation.
* I had handled mainly IE3D software part in this project as well as I worked on MATLAB code and all mathematical analysis.
* The proposed filters are useful for applications in the microwave communication systems. The prototype design can be used to suppress interference from GSM, WLAN, and WIMAX applications.

**Other Projects:**

White Light Probe Using LED

* This circuit is useful for inspecting narrow spaces like the inside of the CPUs, monitors, PCB modules and other electronic devices.

Temperature Sensor Using ATMEL-IC

* It includes Temperature sensor circuit and code in C. It is build around LM35 and ADC0804 is the analog to digital convertor IC used in the project  AT89C51 is an 8-bit microcontroller and belongs to Atmel's 8051 family.
* By interfacing different types of sensors with our MCU we can sense the environment and take decisions, in this way we can create smart applications.

**Software languages:** C++.

**Software tools:** Matlab, Autocad, Orcad Pspice 9.1, Eagle 5.4.0, Mplab IDE v8.30, IE3d, Keil Uv2, Xilink ISE 9.2.

**Extra-Curricular Activities**

* Event head of ROBOTICS TEAM in college technical festival
* Attended ROBOTICS and USB workshop
* Participated in intra college chess, carom, table tennis, volley ball and Kabaddi competition.
* Participated in college cultural festival.
* Member of ISTE society.

**Achievements**

* Two ‘TECHNICAL PAPER’ selected in INTERANATIONAL JORNAL OF SCIENTIFIC AND ENGINEERING RESEARCH PUBLICATION.
* Stood 1ST in ‘GLADIATOR’ event in the college technical festival PRAXIS.
* Secured 1st place in district level chess competition.
* Part of the chess team, secured 1st place in intra college competition for year 2009-10 and year 2010-11.
* Secured state scholarship in MAHARASHTRA STATE TALENT SEARCH EXAMINATION (MTSE) by ranking 7th in state in 9th standard.
* Secured state scholarship in MAHARASHTRA STATE TALENT SEARCH EXAMINATION (MTSE) by ranking 17th in state in 8th standard.

**Hobbies**

* Playing indoor as well as outdoor sports.
* Swimming.
* Surfing the internet.
* Listening to music.
* Solving puzzles, sudoku.

**Personal Strengths**

* Love of learning.
* Ability to work as a team player.
* Ability to use theoretical knowledge practically.
* Ability to handle responsibility.
* Ability to work under stress.

**Personal information:**

* Date of Birth: 30th August 1990
* Sex: Male
* Nationality: Indian
* Permanent Address: 5/399/2 ‘SNEH’ near Namdev Bhavan, Ichalkaranji, Kolhapur-416115
* Languages Known: English, Hindi, Marathi.
* Passport Number: J6311758.
* Passport Valid Till: 21st  March 2021.

**References**

1. Mrs Saylee Gharge

M.E. ,Ph.D.   
Assistant Professor

Department of EXTC   
V.E.S. Institute of Technology   
Chembur, Mumbai-400074   
E-mail id: [sayleegharge73@yahoo.co.in](mailto:sayleegharge73@yahoo.co.in)   
Contact no. : 09821867450

1. Ms. Manisha Chattopadhyay

M.Tech Opto .Electronics

Assistant professor

Department of EXTC

V.E.S. Institute of Technology

Chembur, Mumbai-400074

E-mail id: m.chatterjee@rediffmail.com

Contact no. : 09833396179

1. Mrs.Monali Chaudhari

Assistant Professor

Department of EXTC

V.E.S.InstituteofTechnology

Chembur,Mumbai-400074

e -mail id : monalichaudhari@gmail.com

Contact no :9867550252

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