**CURRICULUM VITAE**

**SHAWETA GULATI**

Address: Flat no. 26, Building No. -1/8231,

Abi Al khair street, Near Sharah Dhahran,

Behind Meed shop, Al Malaz ,Riyadh 12841-2273, Saudi Arabia

Email ID: gulatishweta44@gmail.com

Contact No. : +966 500620045

**Objective**

Willing to work in a challenging and dynamic environment where I can enhance and share my knowledge and benefit the organisation.

**Achievements**

* Developed Home automation project ,Voice control TV using Raspberry pi (Python based) exclusively by myself which was quite challenging and a major project on Raspberry pi.

The video link for the same is : https://www.youtube.com/watch?v=jtvfsdAseYU

* Developed simple robot using raspberry pi which moves based on python coding.
* Qualified GATE 2015 with 93 percentile
* Qualified GATE 2013 with 91.34 percentile
* Qualified GATE 2012 with 99.6 percentile
* Qualified GATE 2010 with 94.3 percentile
* Topper of M.Tech 1st semester (85%)

**Experience**

**Total Experience- 6.5 Years approx**.

* Currently Working at Al Faisal University as an Instructor in Electrical Engineering Department (Aug,2021 to present)
* Worked at Thakur College of Engineering and technology, Mumbai (India) as an Assistant Professor in Electronics Department(July 2015 to March 2018)
* Worked at Atharva College of Engineering as an Assistant Professor in Electronics Department (May 2014 to July 2015)
* Worked at Global Institute of Technology and Management as an Assistant Professor in Electronics and Communication Department (August 2013 to Jan 2014)
* Worked at NC & SD Group of Institutions, Israna as a lecturer in Electronics and Communication Department (Dec 2011 to May 2013)
* Worked at Rohtak Institute of Engineering and Management as an Assistant Professor in Electronics and Communication Department (Jan 2011 to Nov 2011)

**Education Qualifications**

* M.Tech (Electronics and Communication) from M.D.U ,Rohtak (2009-2011) with 83%
* B.E (Electronics and Communication) from M.D.U ,Rohtak (2005-2009) with 80.13%
* Passed 12th in Non-Medical stream from Shiksha Bharti Sr. Sec. School (CBSE) with 80.8%
* Passed Matriculation from G.V.M High School (HBSE) with 75%

**Research work**

* Worked in VLSI field on the topic **P-type Metal oxide semiconductor transistor.**

In this, I simulated 0.18 micron P-MOSFET using TCAD tools. Several design issues were studied regarding the fabrication of this MOSFET, mainly the short channel effects.

**Professional Trainings Attended**

* Participated in one Day Tutorial Workshop Cum Mathematical Foundations of Static & Dynamic Optimization on 28 May,2022
* Presented paper in Pragyaan- Journal of information Techology on the topic ”IPsec issues over Wimax network”
* Attended 2 weeks STTP on “CMOS, Mixed signal and Radio frequency Design” by IIT-Kharagpur
* Attended Training on TCAD at Thakur College of Engineering and technology
* Attended 1 month STTP on “Technical Communication” by IIT Bombay
* Attended 3 days training on “Enhancing Educational Productivity” at Thakur College of Engineering and Technology.

**Project Profile during course**

1. **Minor Project: Automatic Street Light**
2. **Major Project: Prepaid Energy Meter using GSM recharge**

**Areas of interest**

* Basics of Electrical and Electronics Engineering
* Signals and Systems
* Microprocessors.
* Digital Electronics
* Basics of C

**Extra Curricular Activities**

* Presented seminar on the topic Digital watermarking in VCE, Rohtak
* Participated in various Cultural Activities at School Level

**Hobbies**

* Solving Sudoku
* Appreciating Music

**Personal Details**

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| Name | Shaweta |
| Permanent Address | Rohtak, Haryana(India)-124001 |
| Email ID | [gulatishweta44@gmail.com](mailto:gulatishweta44@gmail.com) |
| Date of Birth | 6 September,1988 |
| Nationality | Indian |
| Marital Status | Married |
| Sex | Female |
| Languages Known | English, Hindi |

Date: (Shaweta Gulati)