KUMAR ABHINAV RAJPUT

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EDUCATION

Year	Degree/Certificate	University/School	CGPA/Score
2016	Dual Degree B.Tech+M.Tech (VLSI) Electronics & Communication Engineering	Gautam Buddha University Greater Noida(UP)	7.81
2010	XII (UP Board)	S.V.M. Inter College, Dhampur	79.0%
2008	X (UP Board)	S.V.M. Inter College, Dhampur	68.0%

TRAINING AND PROJECTS

Verilog HDL Training Coursework ***[Jun'15-Jul'15]***

- Completed 6 Weeks certification course in Verilog HDL at DUCAT-Greater Noida.
- Gained more knowledge of programming with the help of Logic Design Concepts.

Room Appliances Controller- B.Tech Project ***[Feb'15-May'15]***

- B.Tech project on automatic room appliances controller using 8051 microcontroller and visitor counter.
- This project was very useful for such problems as one generally forgets to turn off lights and fans while leaving a room.
- Major responsibility of **hardware design and programming in embedded C.**

Elevator Controller using Verilog HDL- B.Tech Project ***[Aug'15-Dec'15]***

- B.Tech project on Elevator Controller using Verilog HDL Programming.
- The aim of project was to control lift motion, indicate direction of motion, and present floor level.

Design SRAM Cell- M.Tech Project ***[Jan'16-May'16]***

- M.Tech project on **Reduce leakage power of SRAM Cell** Using Forced Sleep and Variable Body Biasing Technique in submicron technology.
- The main motivation of the project was reduce leakage power of SRAM cell and maintain the exact logic state in sleep mode.

Design Hybrid Full Adder- M.Tech Project ***[Jan'16-May'16]***

- M.Tech project on parametric analysis of power and delay of **1 bit Full Adder using hybrid CMOS** in submicron technology.
- Idea behind the project was to achieve good-drivability, noise-robustness, and low-energy operations for deep sub micrometer technology.

RELEVANT COURSEWORK/SKILLS/EXPERIENCE

Coursework	Semiconductor Theory | Analog& Digital Electronics | Communication Systems Control System | CMOS Design | Microprocessor | Optical Communication
Language & Software	C Programming | C++ Programming | Core JAVA | Verilog HDL Modalism | Cadence Virtuoso | AutoCAD
Operating System	Windows | Red Hat Linux

ACHIEVEMENT/CURRICULAR ACTIVITIES/HOBBIES

Academics	**Department Rank 5th** among a class of more than 45 students.
Cultural activity	Coordinator of Abhivyanjana Techno culture 2014, the annual tech fest of GBU.
Workshops	Attend a workshop organized by DKOB Lab Noida for **Verilog and FPGA**. Attend a workshop organized by RADDIANCE EDUTECH for **analog circuit design**.
Achievement & Publication	Qualified **GATE Exam-2016**. Kumar Abhinav, R.B. Singh *"**Reduce Leakage Power of SRAM Cell using Variable Body Biasing and Force Sleep Technique in Submicron Technology***", International journal of computer networks and wireless communications (**IJCNWC**) Vol.6, No 3, May-June 2016.
Strength & Hobbies	Self-motivated, initiative, creative, high level of energy. Cricket, Badminton and Listing music.

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

Kumar Abhinav Rajput