

Sharu Bansal

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CAREER OBJECTIVE

To work with an organization that provides a dynamic environment to utilize my professional competence in the most efficient manner for achievement of organizational goals and my overall development.

SPECIAL SKILLS

Field	Particulars
Software	Xilinx, Modelsim, Microsoft Office
Languages	Verilog, VHDL, C

TECHNICAL SUBJECTS OF INTEREST

DIGITAL ELECTRONICS
EDC
COMMUNICATION

EDUCATION

S No.	Degree	Board/University	Year	Marks
1	M.Tech (VLSI DESIGN) ECE	Punjab Engineering College, Chandigarh(PEC)	2016-18	9.6 CGPA
2	GATE	IITs and IISc	2016	496
3	B.Tech (ECE)	Guru Nanak Dev University	2011-15	8.9 CGPA
4	Class XII	P.S.E.B	2011	90.1%
5	Class X	P.S.E.B	2009	88.23%

PROFESSIONAL EXPERIENCE

S No.	Company	Work Experience
1	IOLCP (Trident)	6 months
2	NIELIT (DOEACC)	2 months

PROJECTS

S No.	Project	Description and Technologies
1	Fault Tolerant Full Adder and Full Subtractor	Proposed the design of adder and subtractor which detects the faults and repair the detected faults Tool : Modelsim
2	Vending Machine	Machine provides product and then returns the left amount to the consumer Tool : Xilinx by using language VHDL
3	Booth Multiplier	It multiplies two signed numbers in binary format. Tool : Xilinx by using language Verilog
4.	Alcohol detector	It detect the presence of alcohol, either person has consumed alcohol or not. Tool : 8051 microcontroller

PROFESSIONAL CERTIFICATION AND PAPER PUBLICATION

S No.	NAME	INSTITUTE
1	Verilog Certification	IIT-Kharagpur
2	Analysis of various fault tolerance techniques in VLSI DESIGN	EITM(NIT-Hamirpur)
3.	Design of Fault Tolerant Full Adder and Full Subtractor	International Journal for Research in Applied Science and Engineering Technology
4.	Fault Tolerant Full Subtractor	Paper Communicated to IEEE Journal IEEE Transactions on Circuits and Systems

EXTRA CURRICULAR ACTIVITIES

- Participated in mime during cultural fest of college and youth fest of GNDU.
- Organizer of various events in Tech-fest (INSIGNIA 2014).
- Participated in badminton (under 17) at district level in Sen. Sec. School Tournament.
- Participated in girl's cricket in Intra-College games.
- Head Girl in 10th and +2 class
- Merit position and awarded by Aggarwal Sabha in 8th, 10th and +2 class.
- Volunteer in "Swachh Bharat Abhiyan"

Declaration

I hereby declare that the above mentioned information is correct to my knowledge.

Sharu Bansal