



ANURAG VERMA

M. Tech (Embedded System Design)
School of VLSI Design & Embedded System
National Institute of Technology, Kurukshetra (Haryana)



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I always believe in understanding the situation, performing the tasks, taking actions, and then waiting for the results.

EDUCATION

Master of Technology (Embedded System Design)	National Institute of Technology, Kurukshetra (Haryana)	9.08/10 (Till 2nd Sem.)
Bachelor of Technology (Electrical Engineering)	Galgotias College of Engineering & Technology, Greater Noida	8.44/10
Class XII	J.K.G.P. Saraswati Vidya Mandir Inter College, Laharpur	89%
Class X	Indresh V.V.P.H.S. SCH. M. Atara, Sitapur	87.5%

INTERNSHIPS

Internship at Noida Metro Rail Corporation (NMRC) ▪ Learned about Over Head Equipment (OHE) System	Nov 2021
Internship at Uttar Pradesh Power Corporation Ltd. (UPPCL) ▪ Learned about Power Transmission & Transmission Lines.	Jul 2019

TECHNICAL SKILLS

Programming Language: Verilog, TCL Programming, C Programming (Basics)
Tool: Xilinx Vivado, ETX
Other Skills: Online Teaching, Content Writing, Video Editing

PROJECTS

Traffic light controller using Verilog on Vivado ▪ The purpose of this project is to design a methodology using Verilog to control the traffic with specified time delays for a 4-way Road.	November 2023
Implementation of Modified Present Block Cipher using Verilog ▪ The modified PRESENT cipher has been developed using Xilinx's Vivado 16.2 design suite at the Verilog level. Modified demonstrates significant advancement in power efficiency, consuming 78mW, less complex and more efficient, compared to existing PRESENT's 103mW.	December 2023

SUBJECT OF INTEREST

Digital Electronics Lower Power VLSI Design (Basic) Digital Circuit	Static Timing Analysis Digital IC Design Synthesis	Verilog HDL Physical Design Electrical Network
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CERTIFICATION COURSES

▪ Static Timing Analysis– Udemy ▪ Digital Electronics – NPTEL ▪ C Programming – Udemy
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ACHIEVEMENTS

▪ One of the top experts in Algebra and Provided 4000+ Positive rated Solution at CHEGG India . ▪ Secured 1st rank in Class X . ▪ Solved 80+ problems on HDL Bits
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HOBBIES

Playing E-Sports, Playing Cricket, Listening Music, Travelling
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