



MOSart Labs
Art of VLSI

Online Certification in
Zero to Silicon –
Analog & Digital Circuits

Empowering diverse learners in the world of VLSI

100% Self-Paced Learning

Industry-Crafted Curriculum

Flexible Learning

Hands-On Assignments & Quizzes

Beginner-Friendly Learning Path

Certification from MOSart Labs

Get trained by India's leading chip design experts

amul
OSRAM

Micron

SAMSUNG
ELECTRONICS



About Zero to Silicon – **Analog** & **Digital** Circuits

A structured Self-Paced Certification Program designed by MOSart Labs to help students master analog & digital circuit design at their own pace. Learn through 60+ hours of recorded lessons, practical problem-solving, and weekly assessments. It Includes 10 assignments to gain real-world problem solving exposure.

Ideal for ECE, EEE, EIE, Instrumentation & Physics students who want to enter the semiconductor industry. Designed to take you from fundamentals to interview-ready skills with flexibility and convenience.



Complete Self-Paced Learning

Study anytime with structured recorded modules covering analog and digital circuit design.



10 Problem Solving Assignments

Get hands-on problem-solving experience through weekly assignments, guided and solved by our industry experts.



Industry-Crafted Curriculum

Content designed by senior VLSI leaders with 25+ years' industry experience.



Interview-Ready Skills

This Program helps you crack your interviews and enhances your problem solving skills.



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What you will Learn

Digital Concepts

- Boolean Algebra
- Combinational and Sequential circuits
- Verilog Basics
- FSM Design using Verilog
- Design Verification using Verilog

Analog IC Design

- Electronics Everywhere
- Electronic fundamentals and circuit theory
- Semiconductors Devices and Components
- Opamps and its applications
- Understanding circuits by simulations

Hands on Experience

10 Problem-Solving Assignments

OUR FACULTY



Rajesh Gupta

27 Years Experience
Ex- Country Head
Micron & ams OSRAM



Dr. Krishna Kanth

23 Years Experience
Ex-Director
ams OSRAM



Madhusudan Sampath

24 Years Experience
Ex-Director
Samsung India



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Program Outcomes

By the end of this program, you won't just know the theory you'll have industry-grade project experience that proves your skills.

Gives you Interview Ready Skills

Gain all the essential technical and practical skills needed to confidently crack your core semiconductor interviews and stand out in the hiring process.

Master the Complete Circuit Design Flow

Understand everything from design to analysis to verification, covering the complete chip development workflow.

Crack Competitive Circuit Design Exams

Helps you crack competitive exams in Analog and Digital Circuits, including GATE and IIT Bhubaneswar PG Diploma.

Fee Structure

₹4,999/- (Inc GST)

Click Here to **Enroll**