



S.A. ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Accredited by NAAC with 'A' Grade & ISO 9001:2015 Certified Institution

DEPARTMENT OF ELECTRONICS ENGINEERING (VLSI DESIGN & TECHNOLOGY)

Counselling Code :

1114

2024-2025

ADMISSION

OPEN

Software Facilities to explore Industry standards

Cadence, Xilinx VIVADO with Pynq Board, Matlab,

Edwin Xp, PCB Printing and prototyping

Spotlights of VLSI :

- Adequate smart class rooms (ICT enabled)
- Highly equipped laboratories with latest technology tools
- Highly qualified and dedicated faculty members with 10 doctorates
- Exclusive seminar hall
- Curriculum beyond laboratories (PD lab & IOT lab)

Why VLSI in SAEC?

VLSI Design & Technology in S.A. Engineering College is essential for preparing students for career in the semiconductor industry, fostering interdisciplinary skills, promoting research and innovation, providing hands-on experience, facilitating industry collaboration, creating diverse career opportunities and maintaining global competitiveness in technology and engineering.

Scope of VLSI

- ◆ Integrated Circuit (IC) Design
- ◆ Electronic Design Automation (EDA)
- ◆ Semiconductor Manufacturing
- ◆ System-on-Chip (SoC) Design
- ◆ FPGA (Field-Programmable Gate Array) Design
- ◆ Digital Signal Processing (DSP)
- ◆ Low Power Design
- ◆ Memory Design
- ◆ RF (Radio Frequency) and Analog Design



Career in VLSI



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