



**Students seeking admission to
FIRST YEAR ENGINEERING (AY2024-25)**



B.E.Electronics (VLSI Design & Technology) (Code: EVG)

TATA ELXSI, VEDANTA, NXP, INTEL, AMD, SAMSUNG, MICRON, MOSCHIP and many more companies are investing in semiconductor manufacturing in India. The present semiconductor market is Rs.2300 crore and it is growing at 17% per annum, which means more job opportunities in this domain in India. The demand for Smart Phones, Smart Homes, Smart Vehicles are propelling the Semiconductor Industry. Emerging technologies such as Artificial intelligence (AI) hardware accelerators, quantum computing, and Internet-of-Things (IoT) devices are dependent on Very Large Scale Integration (VLSI) design and technology solutions. ***Goa College of Engineering (GEC) is the ONLY engineering college offering this Undergraduate Engineering Programme in Goa.***

The core of all electronic devices and systems are circuit designs. The design of the circuit determines the performance. Students at GEC are imparted training to meet the requirement of VLSI and semiconductor industry which include software development tools such as Cadence Tool Suite, Silvaco TCAD, Xilinx and Altera FPGA, programming languages like Python and MATLAB. In addition to object-oriented programming concepts using C++ and System Verilog.

You can become part of the semiconductor innovation and development in India.