



**MEENAKSHI COLLEGE OF ENGINEERING**  
No 12, Vembuli Amman Kovil Street, West K.K Nagar, Chennai – 600 078

**Department of Electronics & Communication Engineering**

**Name of the Laboratory :** VLSI / DIGITAL SIGNAL PROCESSING /  
WIRELESS COMMUNICATION LABORATORY/

**Laboratory In-charge:** Mrs N MOHANA PRIYA Assistant Professor /ECE

**Technical supporting staff:** Mr. DELLIGANESH M, Lab Assistant

**Area of the laboratory:** 197.35 Sq. Ft.



**EQUIPMENT**

- 70MHz DSO and 50 MHz Arbitrary Function Generator/ signal generator
- Power Supplies (0 – 30V/3A)(0-30V/3A)(0-5V/3A) (+/-15V)

**MAJOR EQUIPMENT**

- FPGA Boards
- DSP kits
- Personal computers (ASUS Assemble/i5 10<sup>th</sup> Gen/8GB RAM DDR4 RAM/500 GB Hard disk)

**SOFTWARE**

- Cadence (LICENSED: Host Id:C87F54CE1FE8, Cost: Rs. 8,73,200.00)
- MATLAB (OPEN SOURCE)
- XILINX (OPEN SOURCE)