

## Digital Signal Processing Lab

Block No.4, Room No. 423, ECE Dept., MAIT



In the Digital Signal Processing Lab, students are given the practical exposure to all the theoretical concepts they learn in the classroom. Beginning with the generation of standard signals, the students move on to perform convolution and Discrete Fourier Transform (DFT). With this basic understanding, they can further explore advanced experiments. Different types of filters are also designed and implemented by the students. The lab uses the latest core i3 computers with 4GB RAM and 1TB hard disk storage. MATLAB / SCILAB platforms are used to perform the experiments. A printer facility is also provided to the students for taking the printouts of final outputs and plots of the experiments they perform in the lab.

**Equipment/Tools Available :** Computer systems, DSK 6713 Kits, LAN system, MATLAB/SCILAB software, Projector, Printers etc.