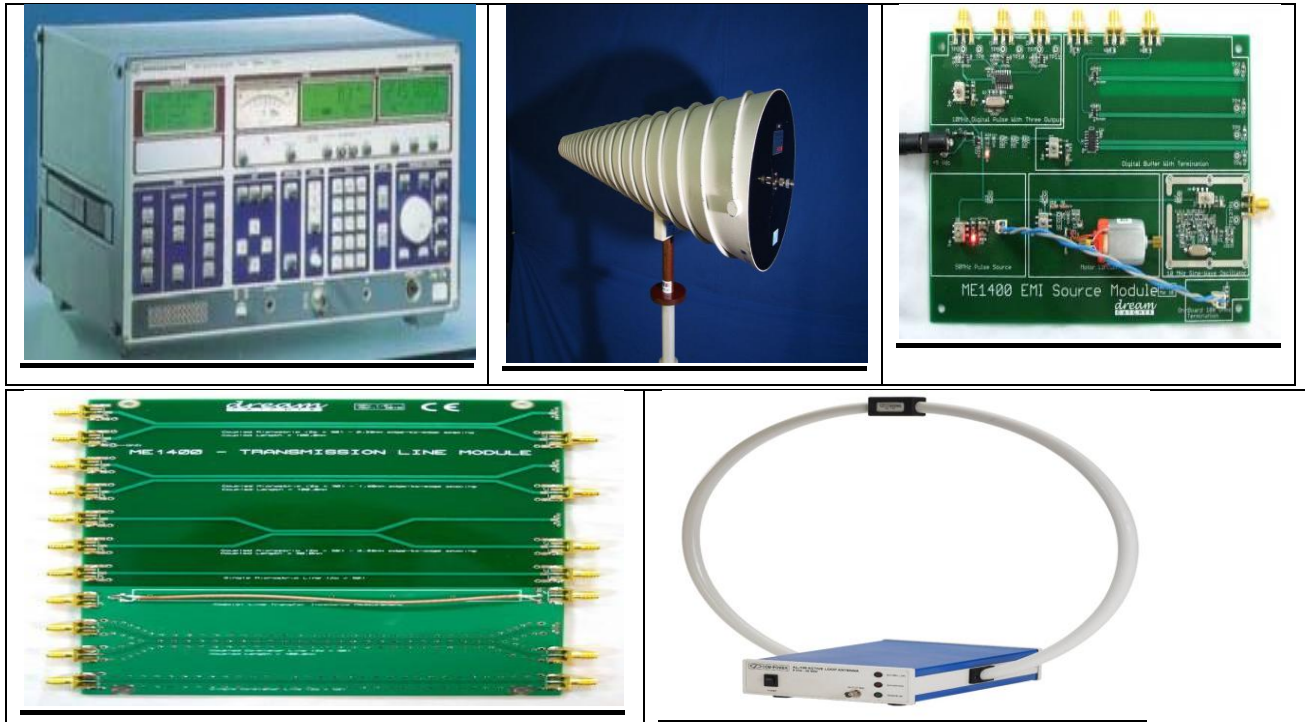


EMI /EMC/NEMP LABORATORY

Electromagnetic Compatibility (EMC) is to study the unintentional generation, propagation and reception of electromagnetic energy with reference to the unwanted effects Electromagnetic Interference (EMI) that such energy may induce. The goal of EMC is the correct operation, in the same electromagnetic environment, of different equipment which uses electromagnetic phenomena, and the avoidance of any interference effects. Such a testing is very important aspect for various electronics equipment including consumer appliances, military electronics equipment and also in automotive sectors. EMI/EMC lab of Electronics Engineering department, DIAT (DU) is well equipped with various instruments required for EMI/EMC testing.



NAME OF THE COMPONENTS

1. Dreamcatcher EMI EMC Trainer kit.
2. Keysight Signal Generator.
3. Internal pulse generator 14 MHz max PRF.
4. Vector Signal Analyser Keysight (10 Hz to 13 GHz).
5. Keysight (4 Channel , 500MHz).
6. Digital Storage Oscilloscope.
7. Broadband dipole antenna.
8. Loop antenna.