



Figure 3: Computer Set

2.2.4 MASTER CONTROL ROOM (MCR)

The master control room is where the on air signals are controlled. Facilities at the MCR include the character generator, matrix switcher, VTRs, distribution amplifiers, monitors and the patch panel. The MCR output feeds the transmitter.

2.2.5 TRANSMISSION ROOM

The transmitting room is the heart of the broadcasting station. It is a room where the signal will be radiated in form of electromagnetic waves with the help of the antenna. The transmitting room consists of the radio transmitter, voltage regulator, uninterrupted power supply, dummy load and air conditioners.

2.2.6 UNINTERRUPTED POWER SOURCE (UPS)

Uninterrupted power source is an electrical device that provides emergency power to a load when the input power source or mains power fails. A UPS differs from an auxiliary or emergency power system or a standby generator in that it will provide near instantaneous protection from input power interruptions, by supplying energy stored batteries. The on-battery run-time of most uninterrupted power sources is relatively low (only a few minutes) but sufficient to start a standby power source or properly short down the protected device.