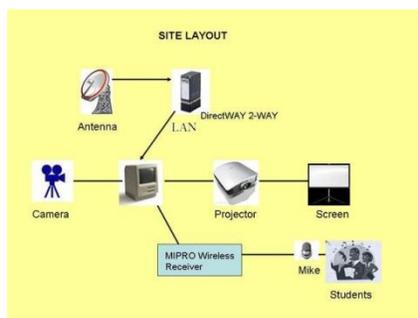


EDUSAT Flowchart



- Provision for dust free and preferably Air conditioned room (atleast 5x5 sq ft) for the VSAT IDU (Indoor Unit).
- The ODU (Out Door Unit, where the VSAT antenna is installed) site should have independent 24 hours access. There should be sufficient provision for the safe accessibility towards ODU site (for e.g., permanent ladder in case the Antenna needs to be installed at the terrace).The ODU site should have minimum of 5x5 square feet of smooth leveled area for VSAT installation. If not, then platform needs to be built.
- The maximum length of the pair of connecting cables, between IDU and ODU, is 120 feet. The route of the cables should be fixed keeping in mind the length limitations.
- Classroom size: 20ft(Width) X30ft (Length), this is recommended size and the actual size will depend on the number of students and actual space availability at the location.
- There should be dedicated UPS of atleast 1.0 KVA for the VSAT which will be provided by HCIL.
- 8 Number of 5 Amps Points required at the remote classroom to be provided by the user.
- In the classrooms the windows need to be kept opened if the ambient noise outside is not very high.
- There should be thick curtains on windows so that they cover 70% of the wall at about 6 inches away from the wall. The front wall need not have curtains.
- Lighting - CFL lights/ SRGB lights of 120W capacity to be used. The lights should be white and not yellow colour. The temperature of the lights should be of around 5600 deg Kelvin. Two ligh each for every two rows.
- Power Load in the classroom: Approx 2KVA including projector
- The nominal power operating condition of VSAT is: Phase to Earth =220.0 volts(+/- 1%) , Phase to Neutral =220.0 volts(+/-1%) ,Earth to Neutral = Always less than 2.0 volts.