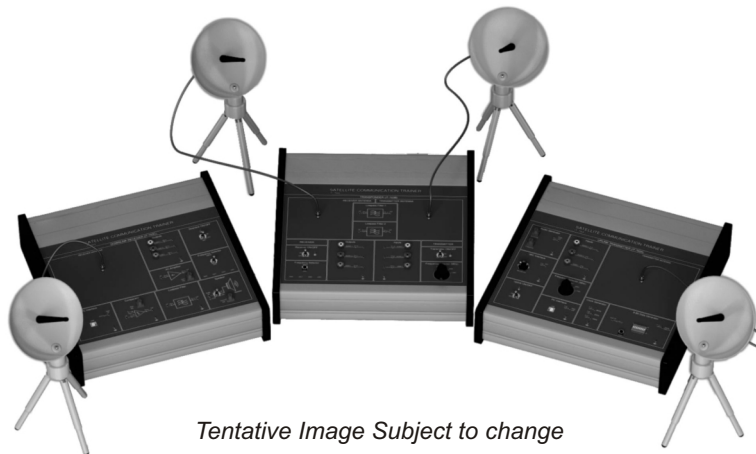


WQIP-65

Satellite communication Trainer

Practical

- 1 Transmitting and receiving audio, video and tone/ voice simultaneously through satellite link and perform link fail operation.
- 2 Transmitting and receiving function generator waveforms through satellite link.
- 3 Learn the delay between uplink transmitter and downlink receiver during data transmission.
- 4 Send tele command and receive temperature and intensity of light from satellite.
- 5 Calculate the carrier to noise ratio for a satellite link and signal to noise ratio for a satellite link,
- 6 Software integrated with the Satellite Communication Trainer Kit to access various data and observation being recorded during conduct of practical.
- 7 AV camera with MIC.
- 8 Five year onsite comprehensive AMC.



Tentative Image Subject to change

Specification

Uplink Transmitter:-

- 1 Transmitter with selectable frequency conversion, 2.4GHz band uplink selectable frequencies.
- 2 Wide band RF amplifier, with 16 MHz bandwidth.
- 3 Frequency select switch and LED indication.
- 4 FM modulation of audio and video
- 5 Inbuilt tone generator with frequency - 100Hz to 1Khz and Amplitude 0V to 1 Vpp.
- 6 Satellite link transponder with selectable uplink and downlinks frequency conversion

Downlink Receiver:-

- 1 Receiver with selectable frequency conversion.
- 2 Receives and demodulate simultaneously.
- 3 Built in speaker for audio and video output.



Vineet Engineers

Office : 279 IInd Floor Street No-05
Durgapuri Extension Delhi-110093

Ph : +91-9999664599 Email : vinitengg1978@gmail.com * Image is for illustrative purpose and subject to change