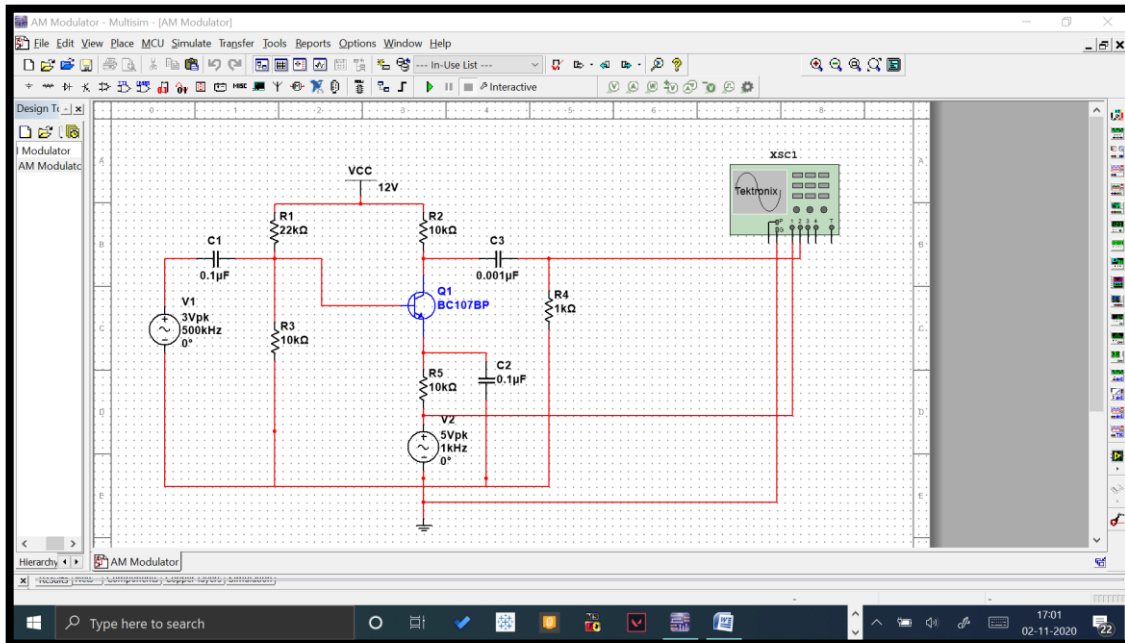


## CCD LAB EXPERIMENT: 3

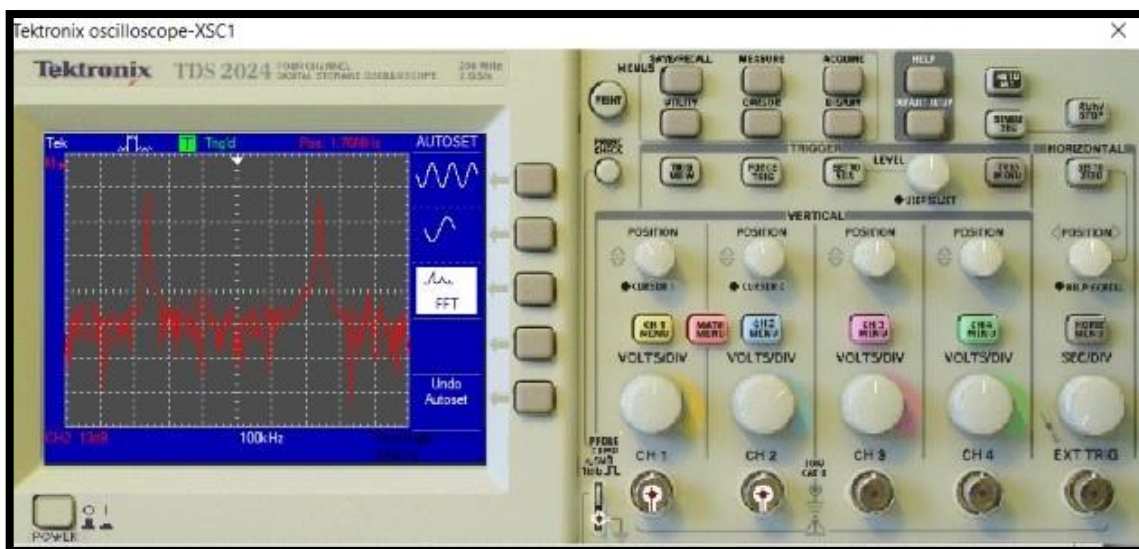
**AIM:** To find out the output waveforms for the AM modulator and demodulator circuit design using IC 1496.

### **A.] AM MODULATOR:**

#### **CIRCUIT:**



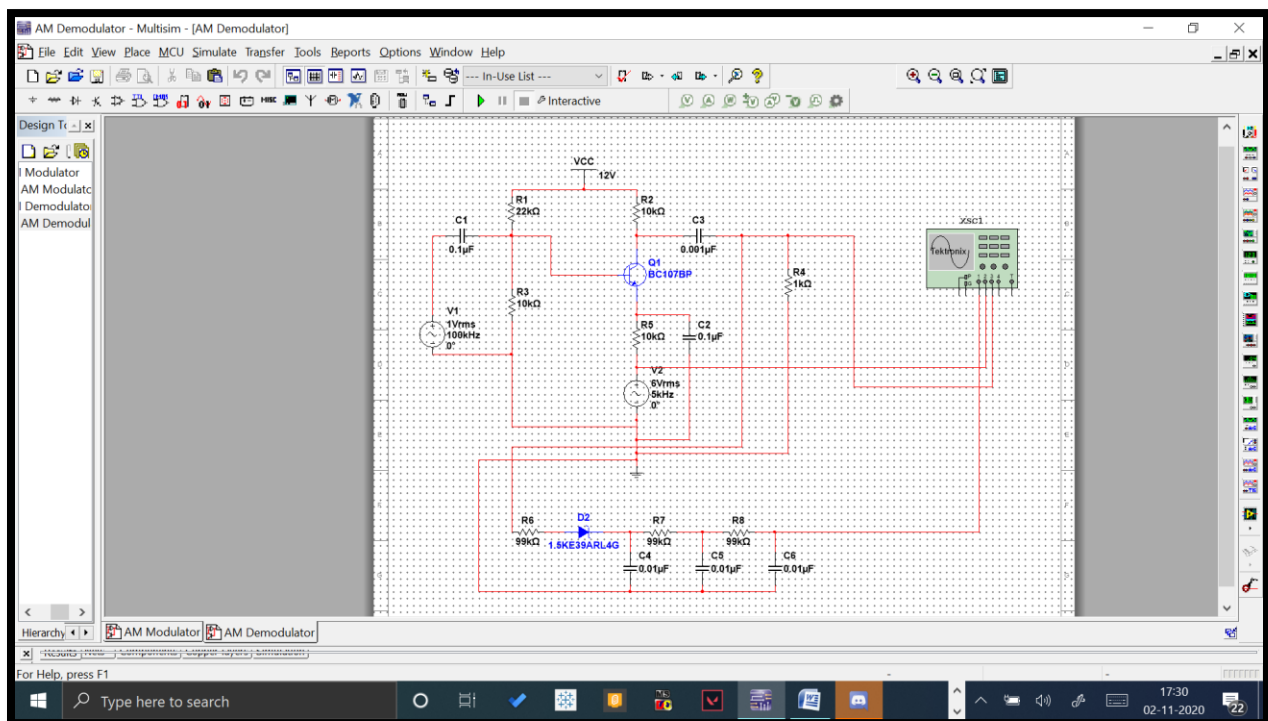
#### **OUTPUT WAVEFORM ON THE OSCILLOSCOPE:**

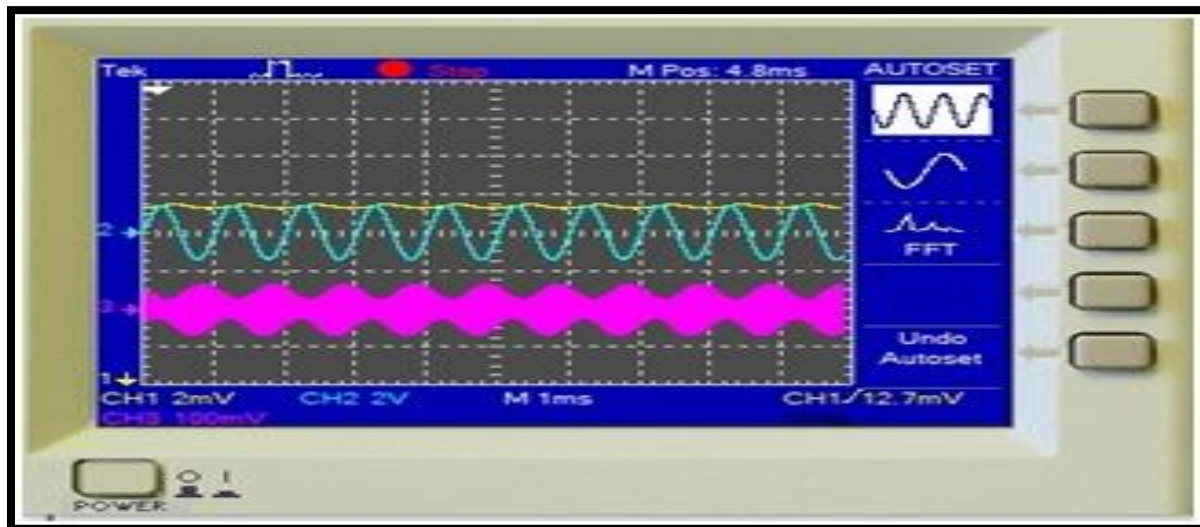




## AM DEMODULATOR:

### CIRCUIT:



OUTPUT WAVEFORM ON THE OSCILLOSCOPE:

**Conclusion:** Observed the output waveforms for AM modulator and Demodulator circuit design using IC 1496 by simulating it in NI Multisim.