

EXPERIMENT

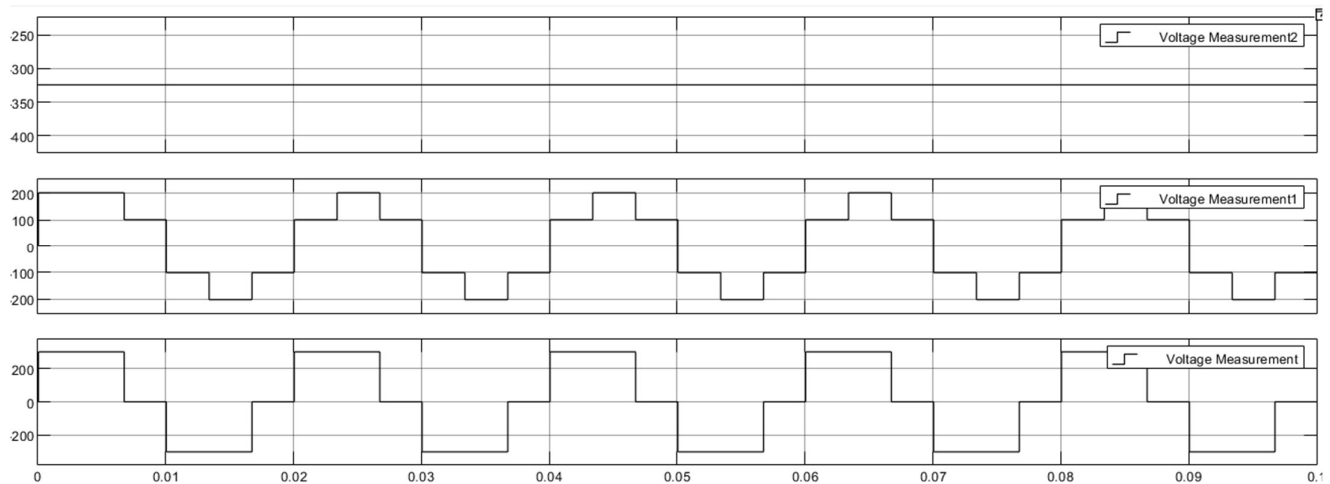
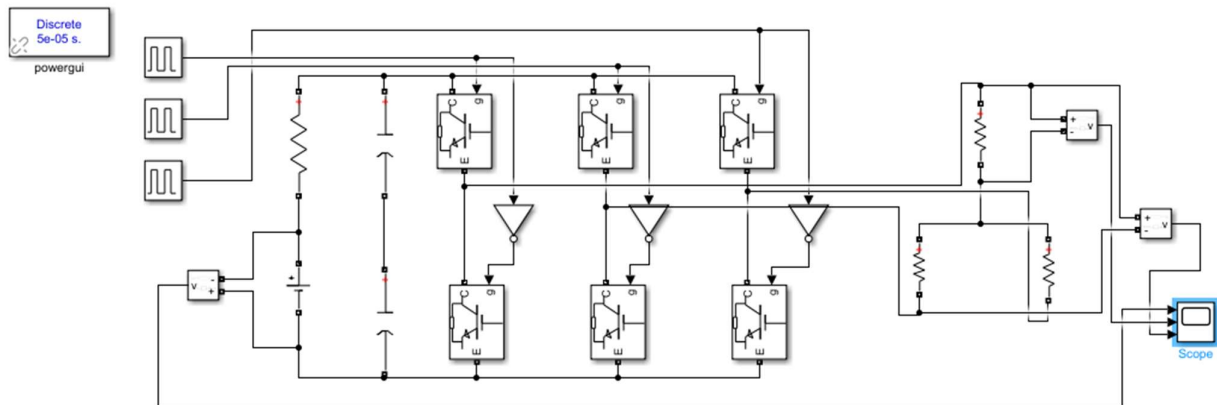
Aim: To study and evaluate the performance of Three-phase inverter .

Simulation:

180 Conduction:

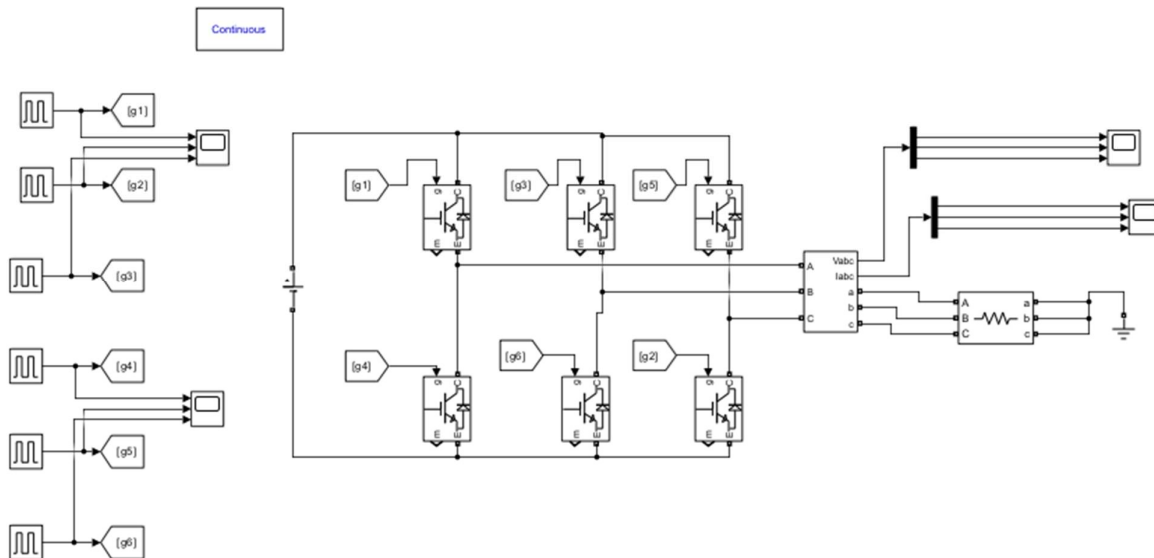
V(source)= 324.3 V, 50 Hz, R=10 ohm, Pulse width=50, phase delay= 0.007, C=1e-6

3 Phase Inverter (180 degree conduction mode)

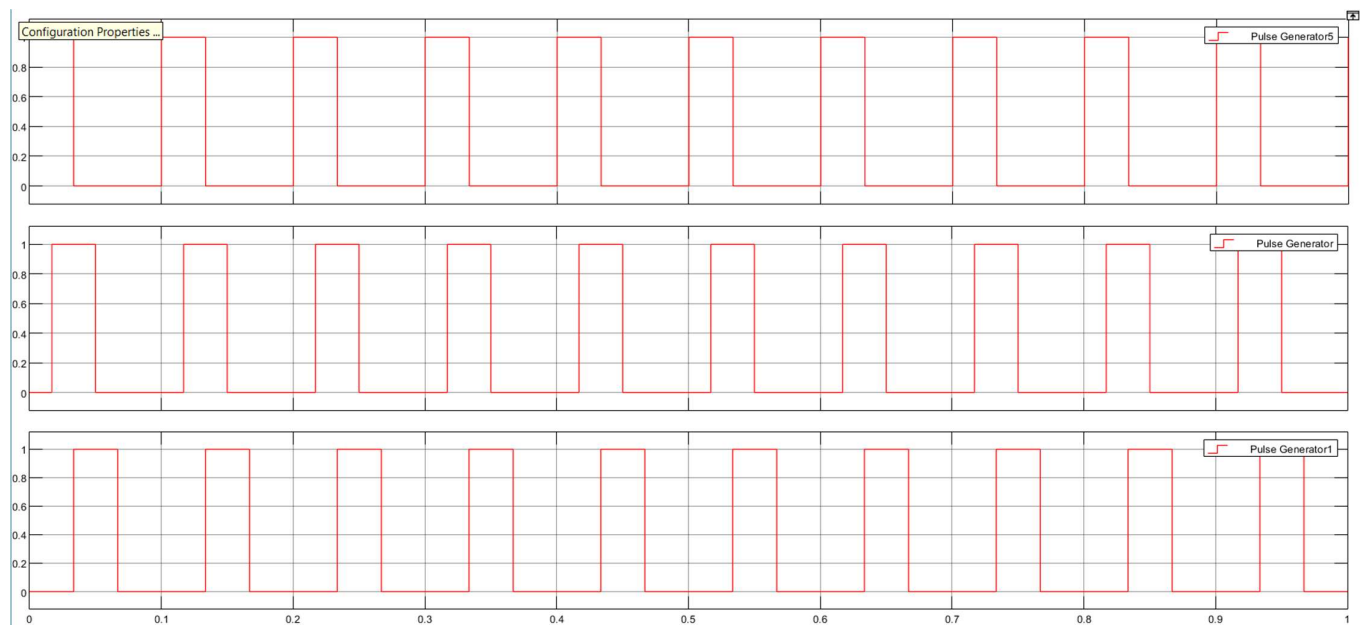


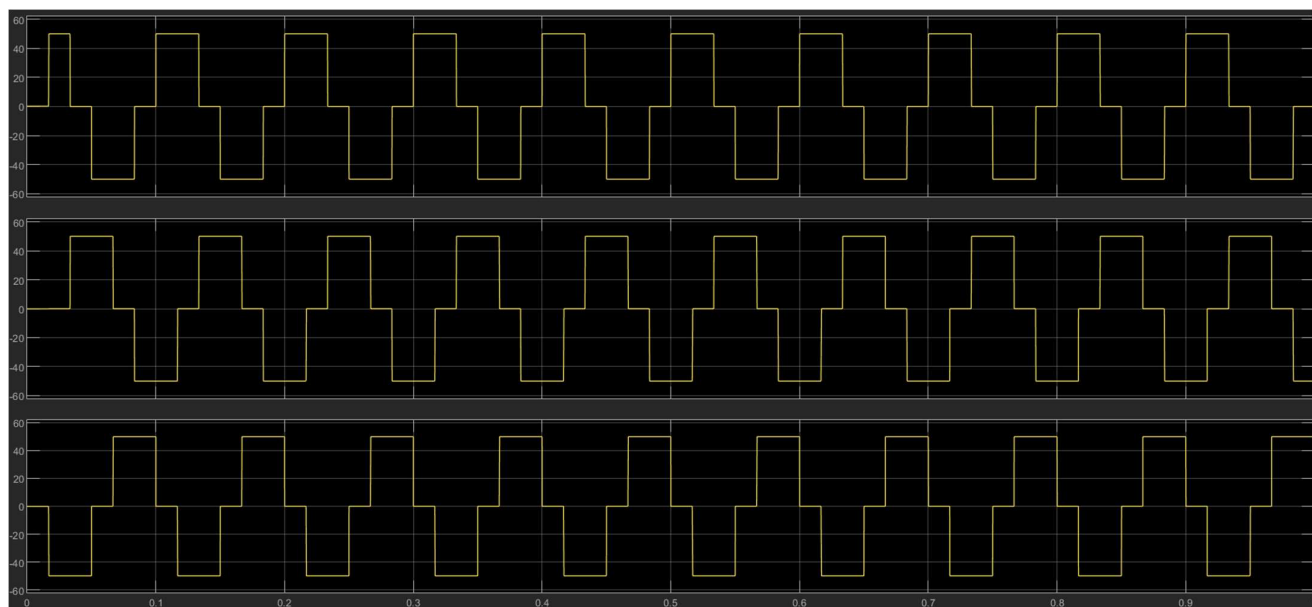
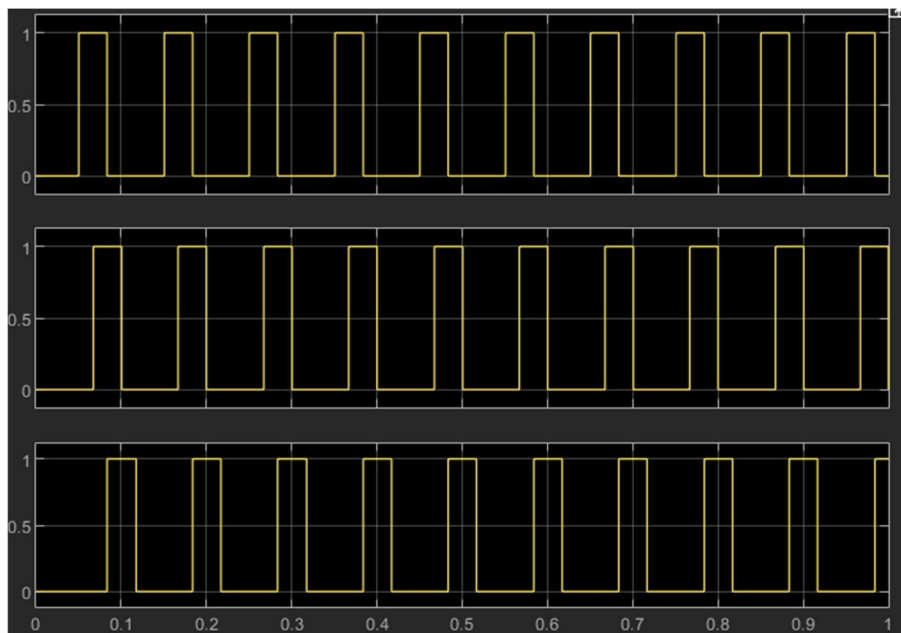
120 Conduction Mode:

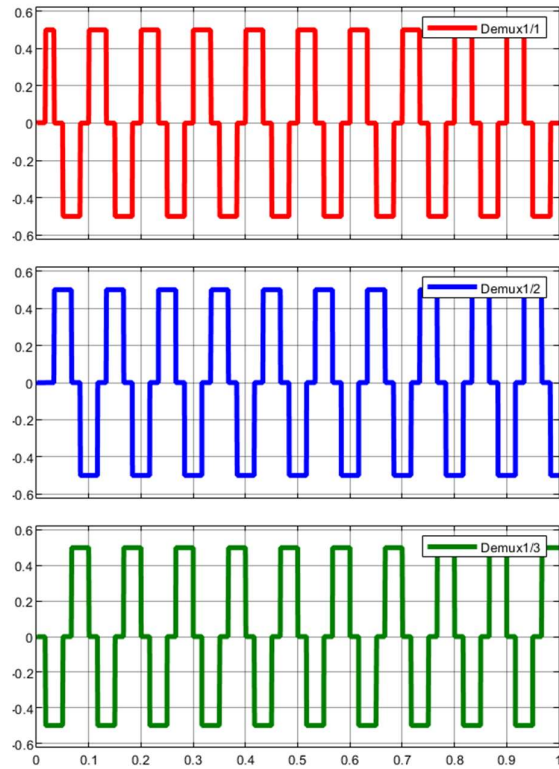
V(source)= 324.3 V, 50 Hz, R=10 ohm, Pulse width=50, phase delay= 0.007, C=1e-6



Waveforms:

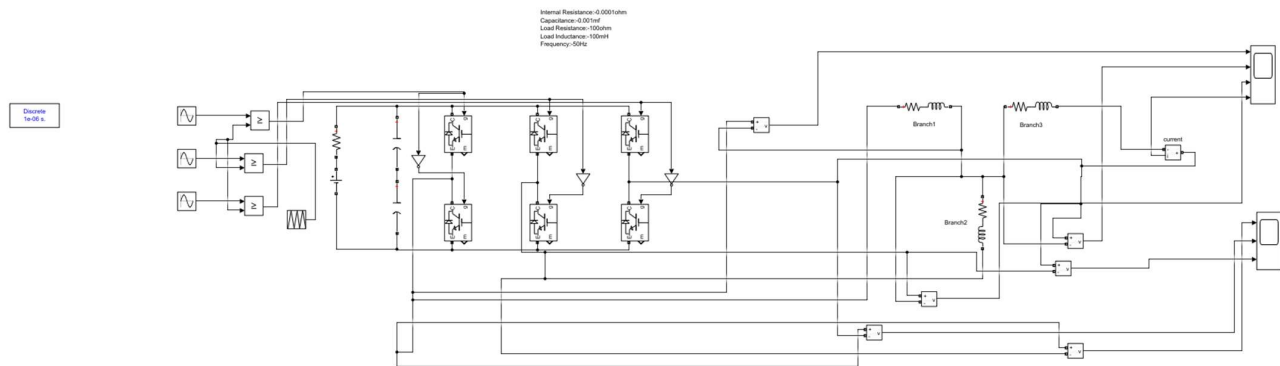






SinPWM:

V(source)= 600 V, 50 Hz, internal R=.0001 ohm,C=.001mF, LoadR=100ohm, Load L=100mH,



Waveforms:

