

EV 12 V charging Circuit Running procedure :

Simulation Result :

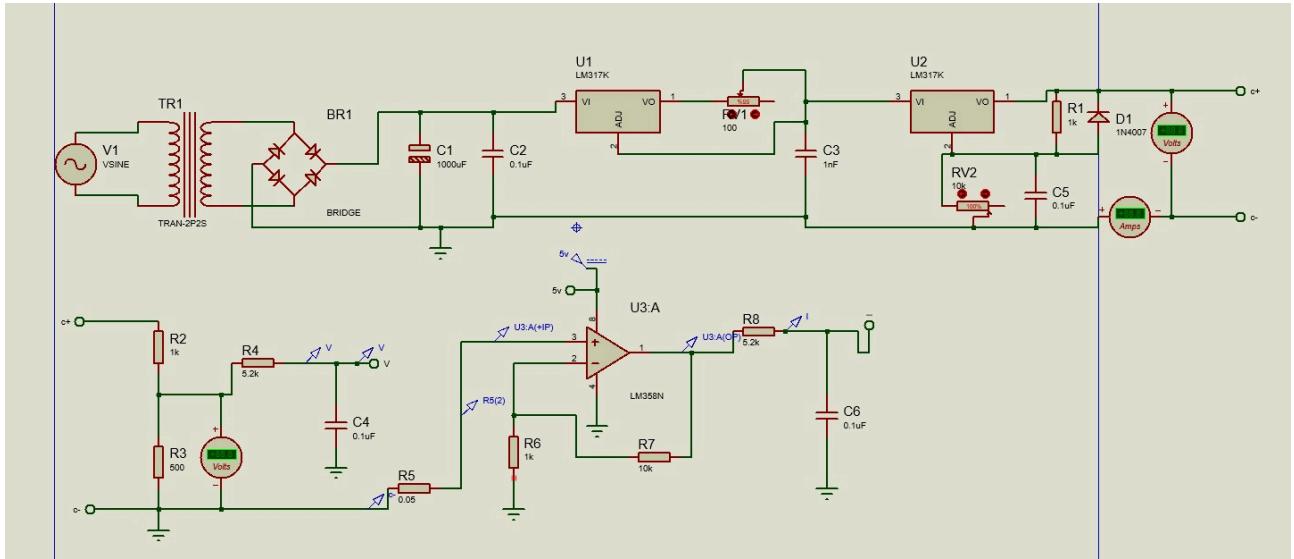


Figure 1.1 : Simulation Circuit (off state)

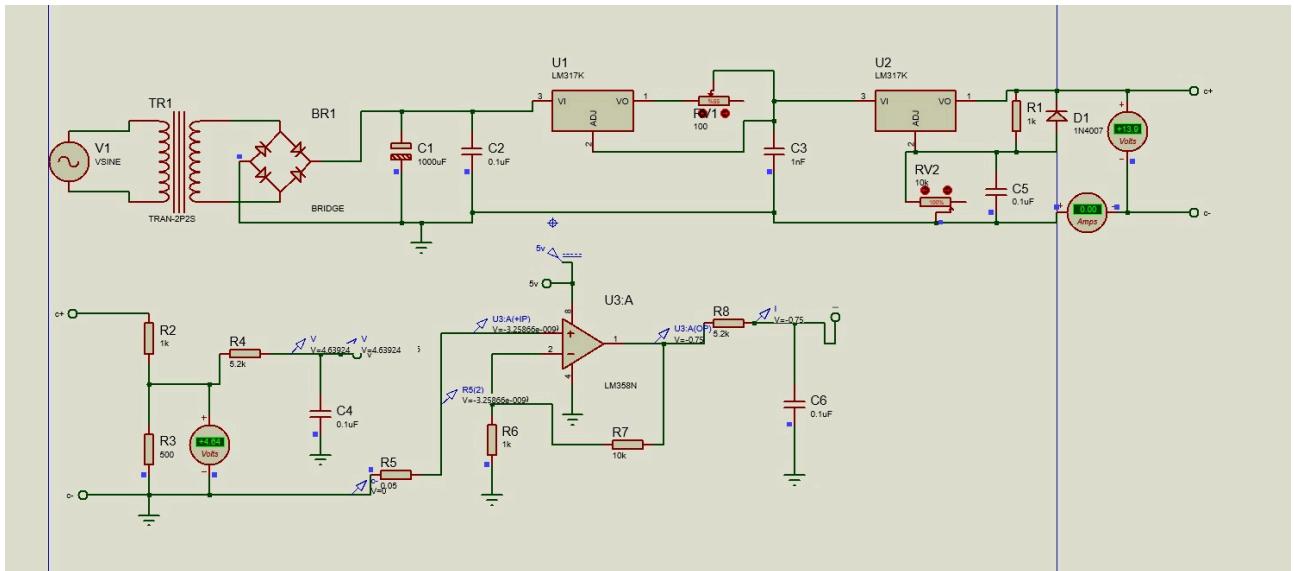


Figure 1.2 : Simulation Circuit (on state)

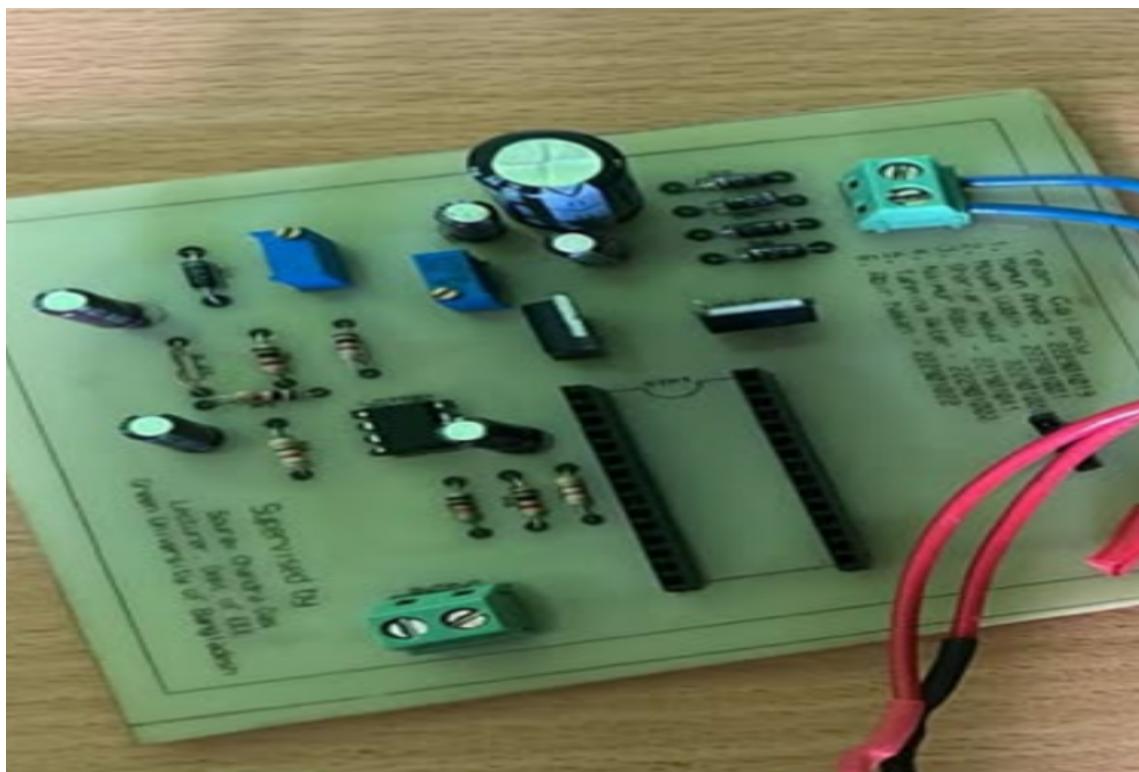


Figure 1.3 : After completing the PCB Design



Figure 1.4 : Before Charging



Figure 1.5 : Charging State



Figure 1.6 : After Charging the voltage has been increased

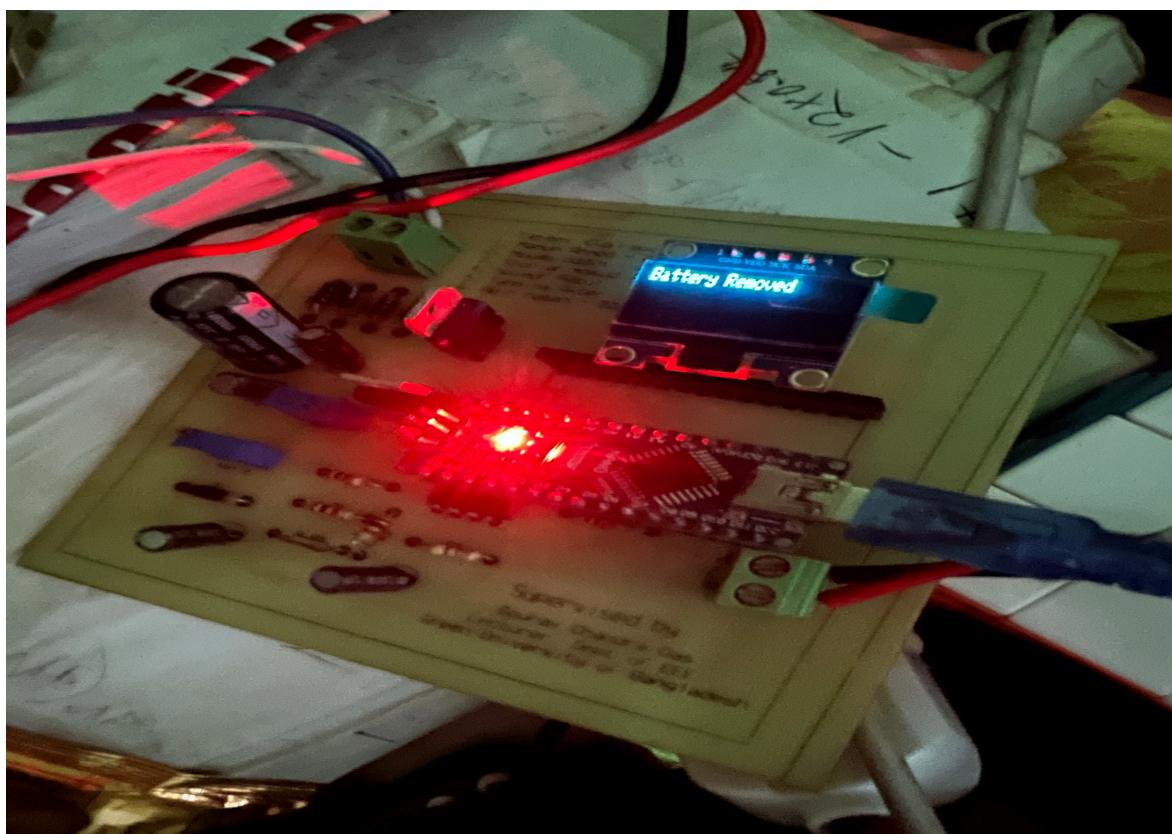


Figure 1.7 : Output with connecting display and Arduino nano

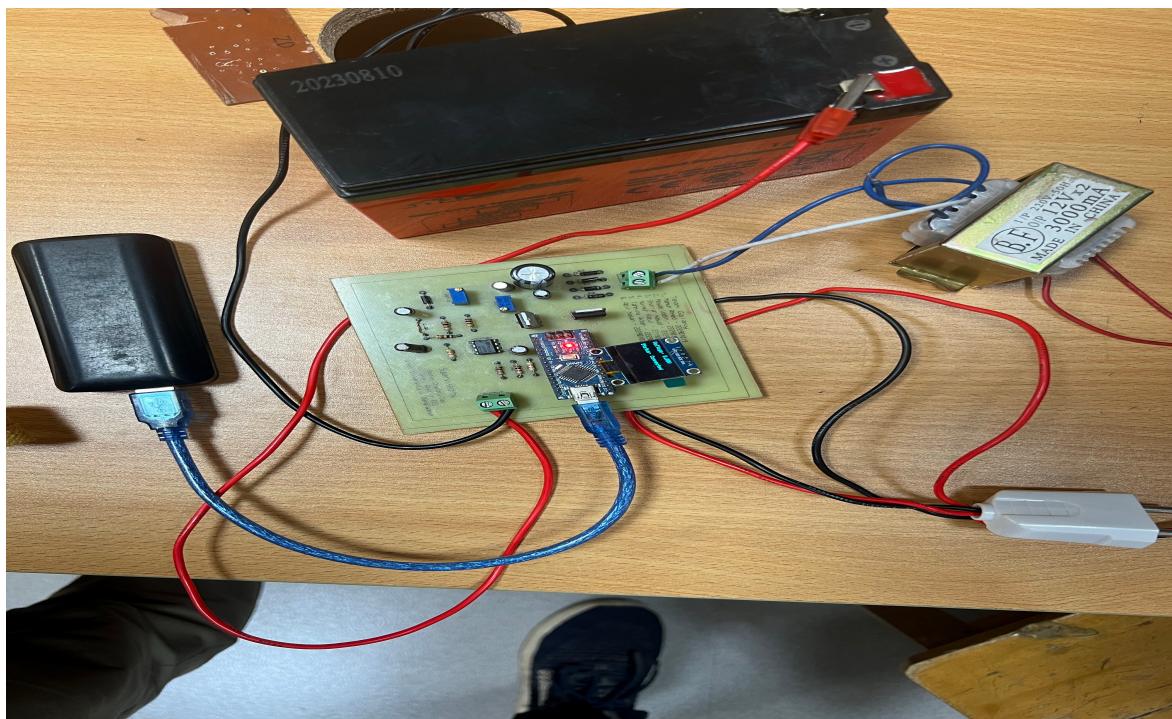


Figure 1.8 : Final Circuit design with all elements