

Northern University Of Bangladesh

Experiment No-3: Full wave bridge rectifier

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Section : A

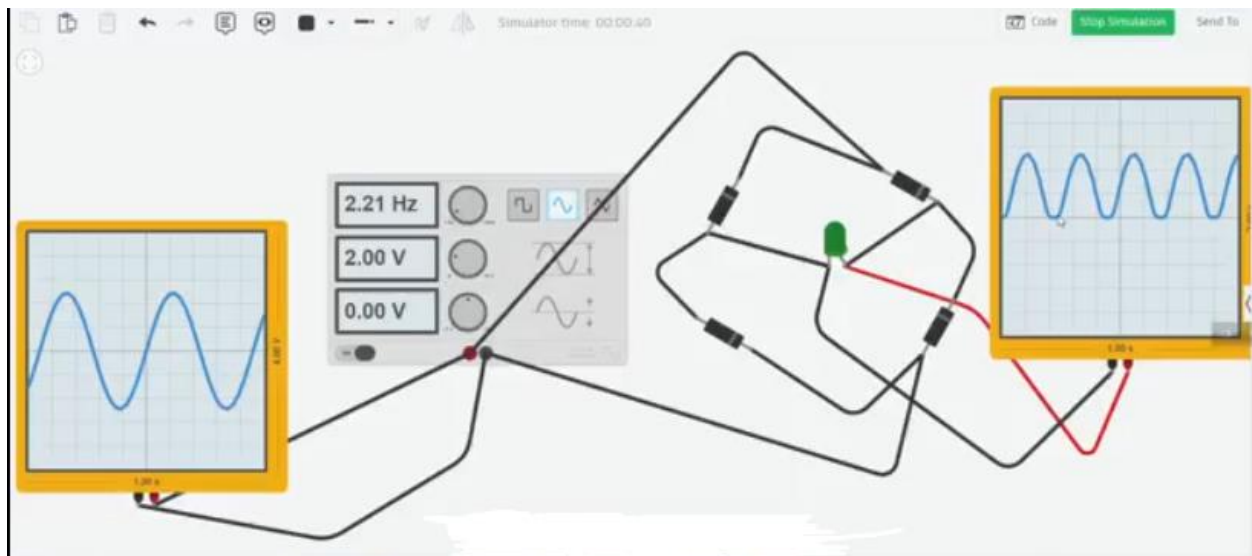
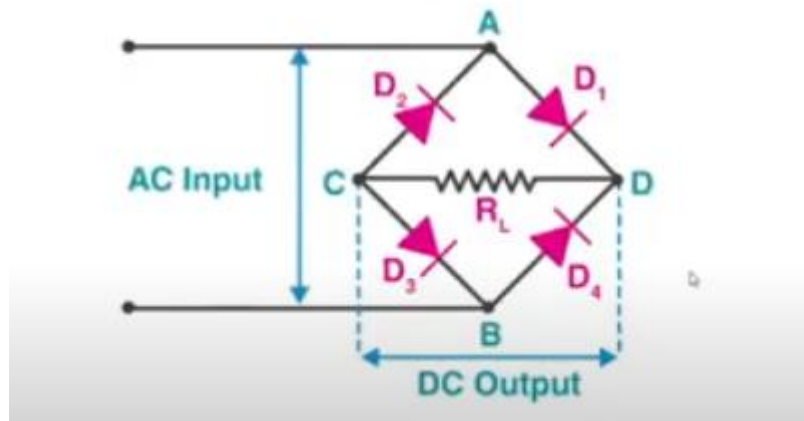
Course Name: Electronic Engineering Lab

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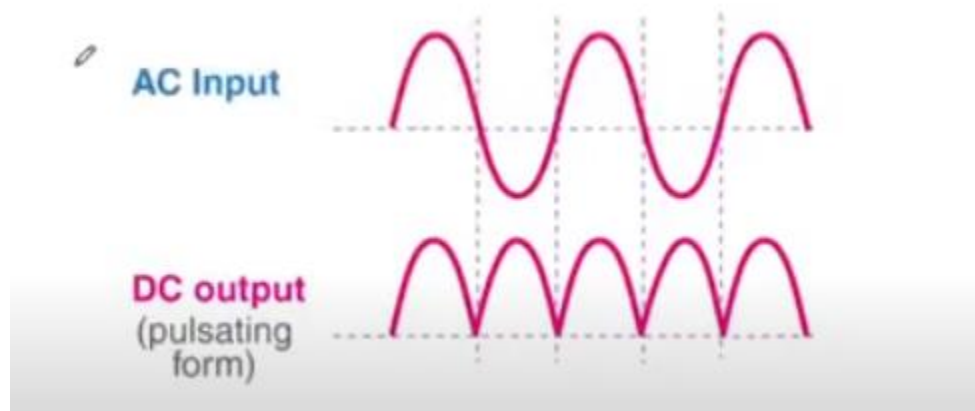
Full wave bridge rectifier

Power Diodes can be connected together to form a full wave rectifier that convert AC voltage into pulsating DC voltage for use in power supplies. The full wave rectifier converts both halves of each waveform cycle into pulsating DC signal using four rectification diodes. In the previous power diodes tutorial we discussed ways of reducing the ripple or voltage variations on a direct DC voltage by connecting smoothing capacitors across the load resistance.

Full Wave Bridge Rectifier



Here we will take function generator. We can take any kind of signal from it. Like square, sinusoidal, rectangular. Then need a led as our phone.



Then we need oscilloscope to see the signal.