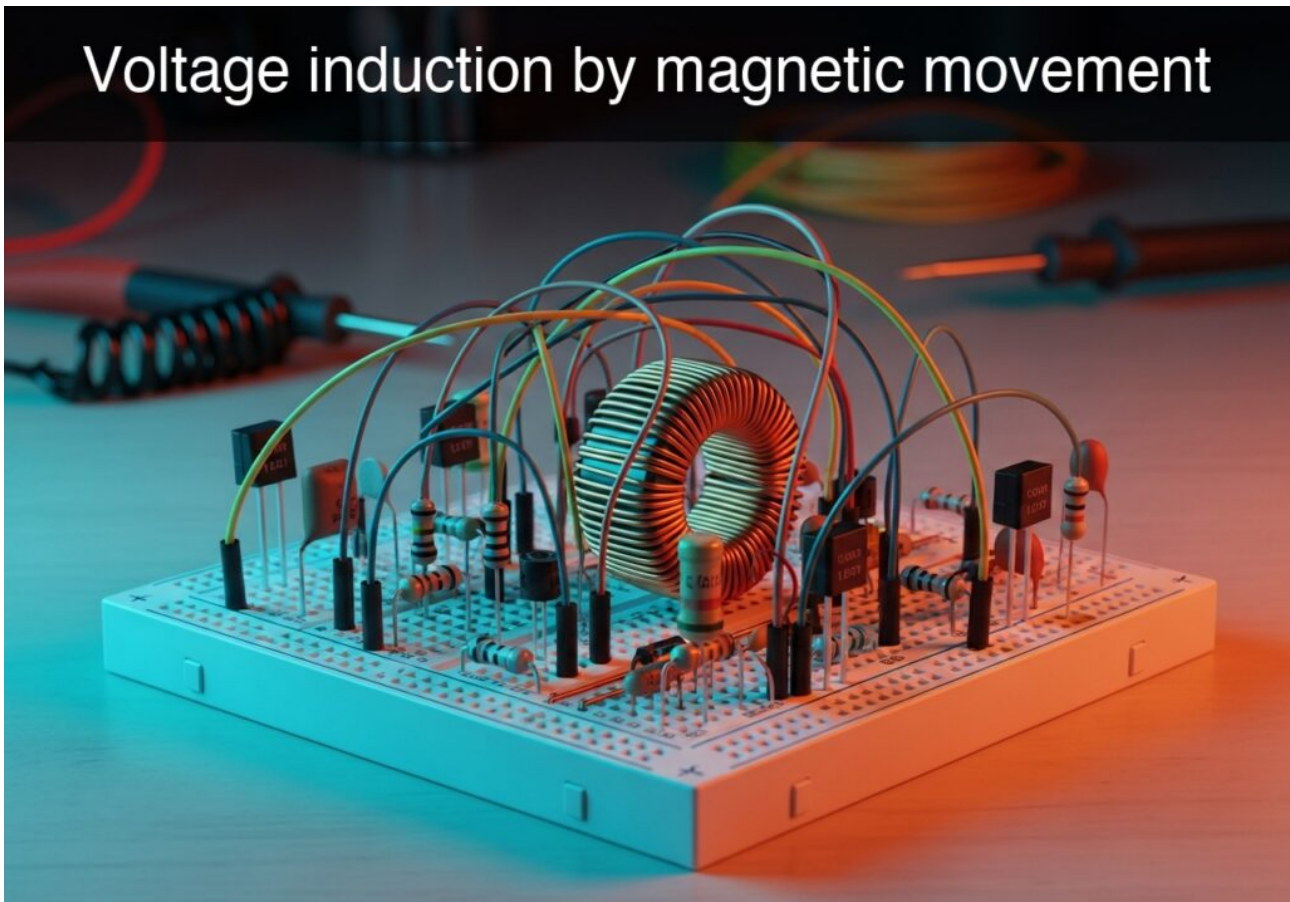


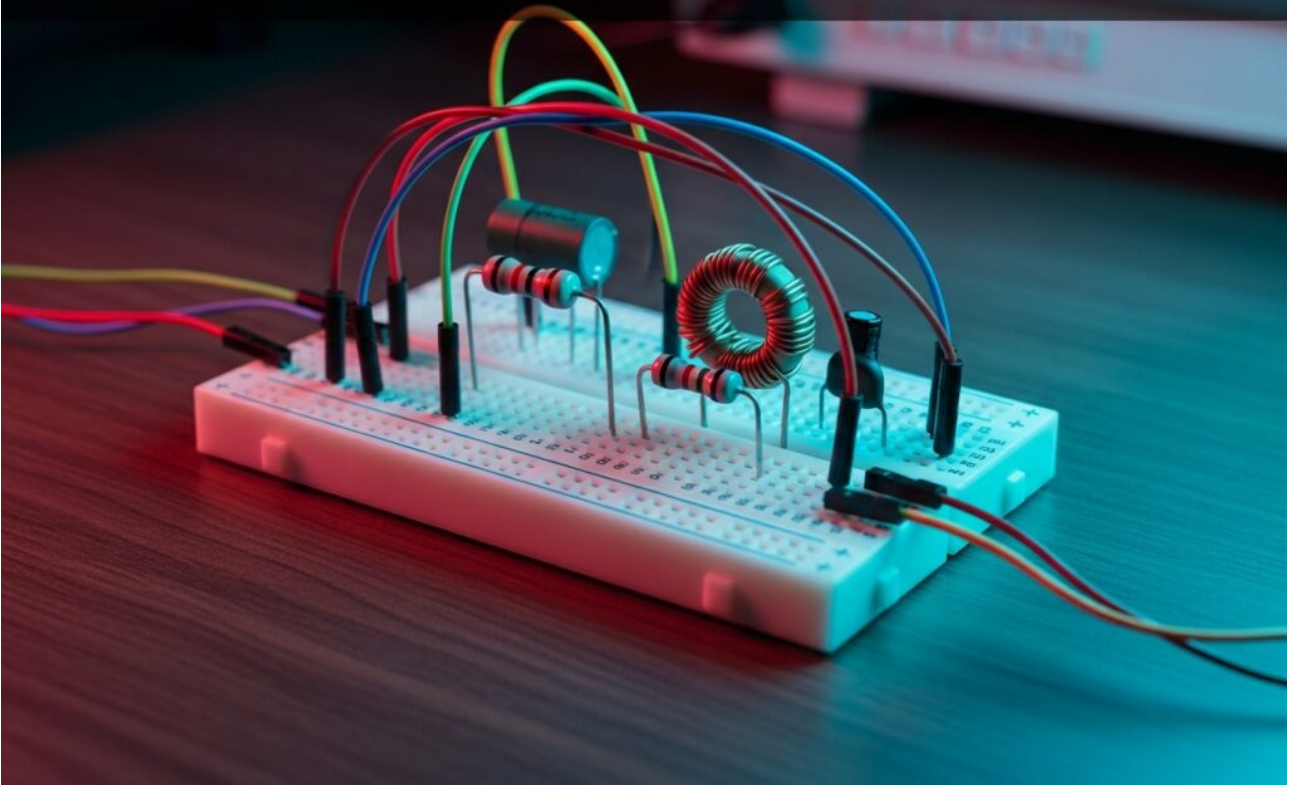
Practical case: Voltage induction by magnetic movement



Learn Analog Electronics by building a generator with an Inductor and a magnet. Observe real voltage spikes and light an LED using Faraday's Law of Induction.

Practical case: Simple RL Low-Pass Filter

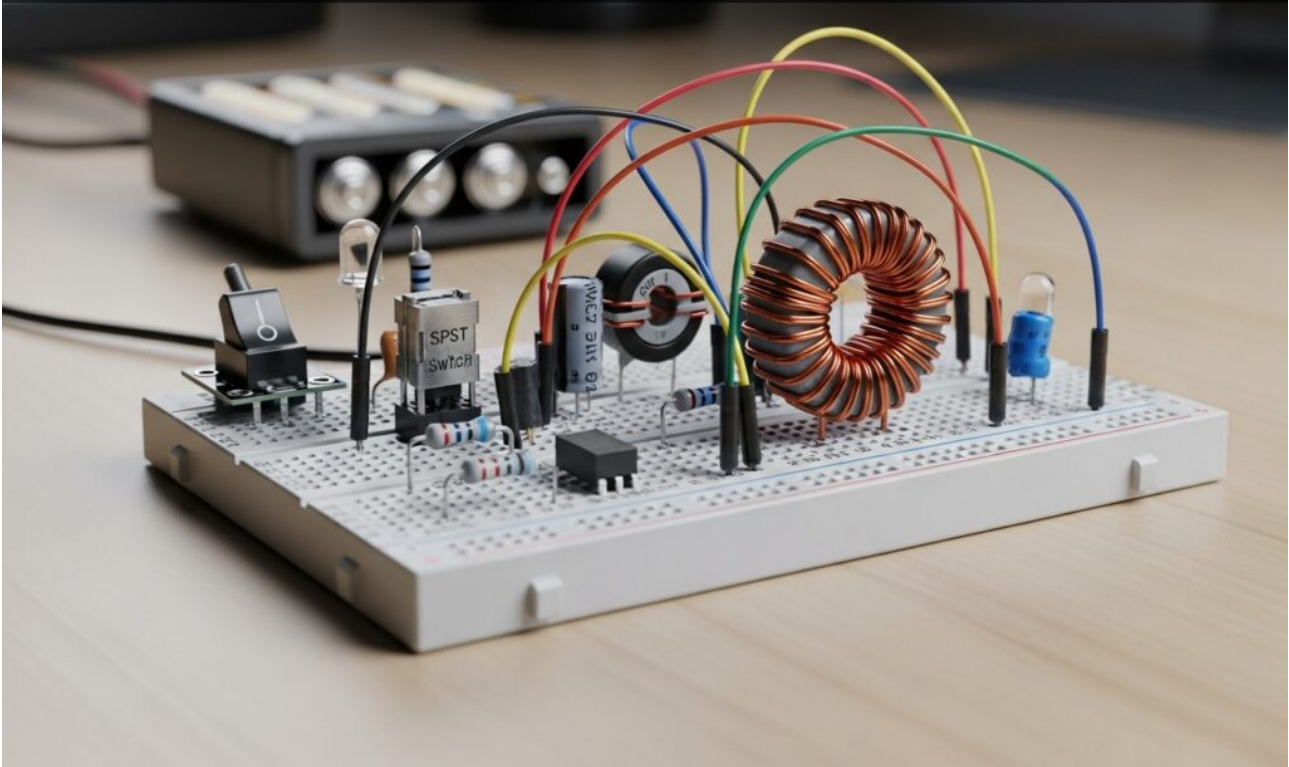
Simple RL Low-Pass Filter



Master Analog Electronics by building an RL low-pass filter with an Inductor. Observe signal attenuation and block high frequencies to reduce noise effectively.

Practical case: Opposition to DC current change

Opposition to DC current change



Master Analog Electronics by building a soft-start circuit with an Inductor. Visualize current delay as a lamp gradually brightens to limit inrush current.

Practical case: The coil as a simple electromagnet

