Mindluster Platform

# About the course Neon Lamp flasher circuit designs

Neon Lamp flasher circuit course, in this coures explore the fascinating principles behind neon lamp flashing circuits, a popular project for electronics enthusiasts. This course covers the basics of neon lamps, which operate on high voltage and unique discharge properties to create flashing effects. We delve into component selection, including resistors, capacitors, and diodes, and show how they work together to achieve a rhythmic flash pattern. By learning about charging and discharging cycles, you'll understand how the capacitor stores energy until it reaches the neon lamp's striking voltage, causing a flash. The course also addresses methods for adjusting flash rates, troubleshooting common issues, and creating stable circuits for practical applications. Through hands-on demonstrations, gain the skills to design, build, and test a fully functional neon lamp flasher circuit, making it an ideal project for those looking to deepen their knowledge in high-voltage and timing circuits.

**Engineering Category's Courses**

# Course Lesson(19)

Lesson 1 : **220V AC lamp flasher**

Lesson 2 : **Neon lamp and its applications Neon lamp flasher**

Lesson 3 : **81 LED Chaser using double 4017 PCBWay**

Lesson 4 : **LED Chaser Sequencer using IC 4017 IC 555**

Lesson 5 : **Roulette circuit with touch switch using IC4017**

Lesson 6 : **Sequential LED flasher using IC 4017 KNIGHT READER**

Lesson 7 : **Simplest LED chaser using IC4017 without timer IC**

Lesson 8 : **LED chaser using Arduino Nano and 132 LEDs with code**

Lesson 9 : **81 LED chaser using double IC 4017**

Lesson 10 : **LED chaser using arduino and 12 LEDs with code**

Lesson 11 : **Sequential flasher using arduino and 14 LEDs with code**

Lesson 12 : **1 5v LED flasher**

Lesson 13 : **Sequential LED flasher using IC 4017**

Lesson 14 : **Random Number Generator Circuit With 10 LEDs Roulette**

Lesson 15 : **LED Chaser Without IC By Using Transistors Only**

Lesson 16 : **LED Chaser with 17 LEDs Cascading IC 4017**

Lesson 17 :
**PCB Milling using CNC Machine Without using Gerber file and Without Installing Software CNC PCB**

Lesson 18 : **LED Chaser with 80 channels How to cascade 4017 ICs together**

Lesson 19 : **Lissajous Curve Explained How to Make a Simple Circuit to Draw Lissajous Figures**

# Related courses

**Cabinetry Basics**

**MFT and MFT related accessories**

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for Business Contact
business@mindluster.com