

Advance electronics

- **EL+ Electronics+.**
- **ANALOG**
 - Soldering
 - Using Multimeter & Trainer kit
 - Resistor & Resistor Connection
 - Current & Voltage
 - Ohm's Law
 - Voltage Rise & Voltage Drop
 - Inductor & Capacitor
 - Using Oscilloscope
 - Transformer
 - Semiconductor
 - PN Junction & Diode
 - Half way rectifier
 - Full Way Rectifier
 - Power Supply
 - Transistor
 - Power Supply introduction to SMPS
- **DIGITAL**
 - Number System Conversions
 - Basic Logic Gates
 - Half Adder & Half Subtractor
 - Multiplexer & De-multiplexer
 - Decoder
 - Encoder
 - SR Flip - Flops
 - D Flip -Flop
 - JK Flip-Flop
 - Multivibrator
 - Binary Arithmetic
 - Boolean Algebra
 - Flip-Flop
 - Edge Triggered JK Flip Flop
 - JK Master / Slave
 - Memories
 - Microprocessor