Product Code . JL-EWB-8762

Digital Electronic Trainer

Description

Digital Electronic Trainer

Description:-

Study of basic gates and verification of their truth tables:-

NOT, OR, AND, NOR, NAND, EX-OR, EX-NOR.

Study and verifications of the law of Boolean algebra and De-Morgan's Theorems.

Study of important TTL terminologies. Verification of important TTL Circuit parameters.

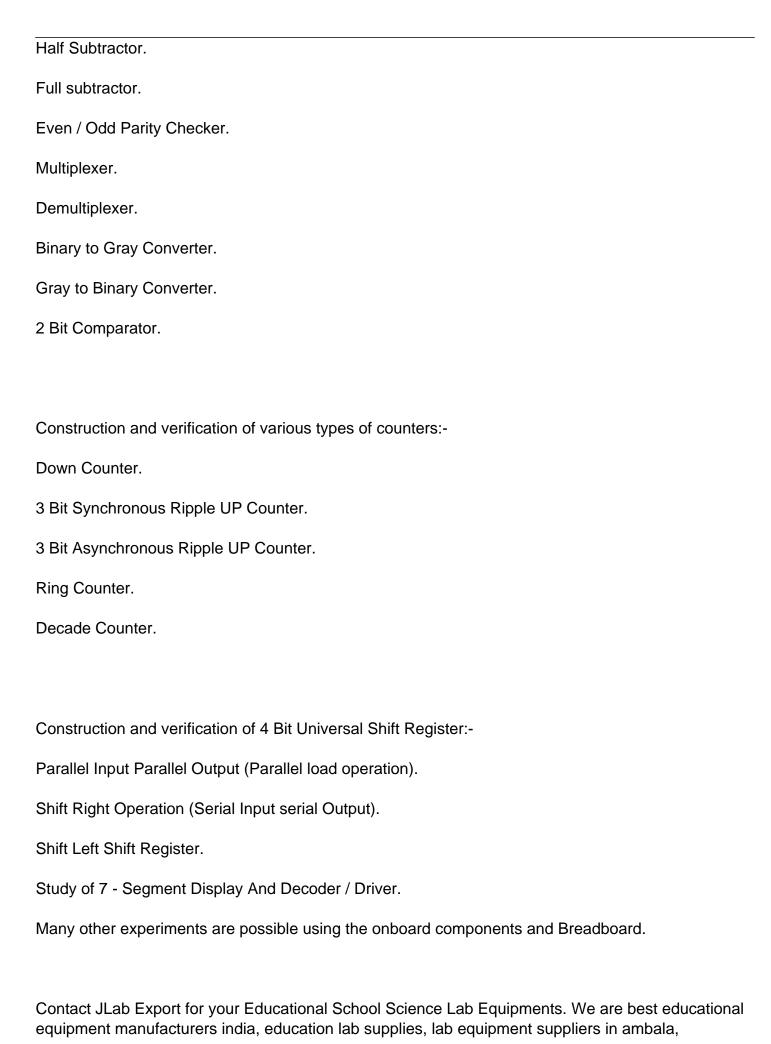Construction and verification of various types of flip-flops using gates and Ic's :

RS Flip-flop 4.2 J-K Flip-flop.

D Flip-flop 4.4 T Flip-flop.

Construction and verification of various types of combinational circuits:-

Half Adder.

Full Adder.

Half Subtractor.

Full subtractor.

Even / Odd Parity Checker.

Multiplexer.

Demultiplexer.

Binary to Gray Converter.

Gray to Binary Converter.

2 Bit Comparator.

Construction and verification of various types of counters:-

Down Counter.

3 Bit Synchronous Ripple UP Counter.

3 Bit Asynchronous Ripple UP Counter.

Ring Counter.

Decade Counter.

Construction and verification of 4 Bit Universal Shift Register:-

Parallel Input Parallel Output (Parallel load operation).

Shift Right Operation (Serial Input serial Output).

Shift Left Shift Register.

Study of 7 - Segment Display And Decoder / Driver.

Many other experiments are possible using the onboard components and Breadboard.

Contact JLab Export for your Educational School Science Lab Equipments. We are best educational equipment manufacturers india, education lab supplies, lab equipment suppliers in ambala,

laboratory glassware manufacturers in india, school science lab equipment suppliers in india, science lab equipment for schools, educational lab equipment manufacturer.