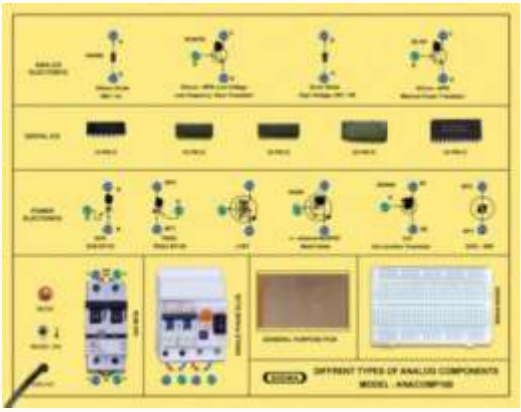
DIFFERENT TYPES OF ANALOG ELECTRONIC COMPONENTS, DIGITAL ICS, POWER ELECTRONIC COMPONENTS, GENERAL PURPOSE PCBS, BREAD BOARD, MCB, ELCB MODEL-ANACOMPO100

This trainer has been designed with a view to understand different types of Analog Electronic Components, Digital ICs, Power Electronic Components, General purpose PCBs, Bread Board, MCB, ELCB used in IOT Electronics.



SPECIFICATIONS

(1) Hardware

Following Parts are assembled on Single PCB of size - 18 Inch x 15 Inch

A. Analog Electronic Components

1. Silicon Diode
2. Zener Diode
3. NPN Transistor
4. PNP Transistor
5. Power Transistor

B. Digital Ics

6. 14 Pin Digital IC
7. 16 Pin Digital IC
8. 18 Pin Digital IC
9. 20 Pin Digital IC
10. 24 Pin Digital IC

C. Power Electronic Components

11. FET
12. MOSFET
13. UJT
14. SCR
15. DIAC
16. TRIAC

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Dealer:-

D. General Purpose PCBs

17. Vero Board
18. Bread Board

E. Electrical Switches

19. MCB
20. ELCB

(2) Accessories

1. Practical Manual - Printed + Soft Copy : 1 No.
2. E-Books for Subject : 10 Nos. in PDF Format

(3) Cabinet and PCB

The complete circuit diagram is screen printed on component side of the PCB with circuit and Parts at the same place. The PCB with components on front side is fitted in elegant wooden box having lock and key arrangement. The acrylic cover is fitted on PCB to safeguard parts. It works on 230 V AC Supply.

EXPERIMENTS

A. Analog Electronic Components

1. To understand theory and use of Silicon Diode
2. To understand theory and use of Zener Diode
3. To understand theory and use of NPN Transistor
4. To understand theory and use of PNP Transistor
5. To understand theory and use of Power Transistor

B. Digital Ics

6. To understand theory and use of 14 Pin Digital IC
7. To understand theory and use of 16 Pin Digital IC
8. To understand theory and use of 18 Pin Digital IC
9. To understand theory and use of 20 Pin Digital IC
10. To understand theory and use of 24 Pin Digital IC

C. Power Electronic Components

11. To understand theory and use of FET
12. To understand theory and use of MOSFET
13. To understand theory and use of UJT
14. To understand theory and use of SCR
15. To understand theory and use of DIAC
16. To understand theory and use of TRIAC

D. General Purpose PCBs

17. To understand theory and use of Vero Board
18. To understand theory and use of Bread Board

E. Electrical Switches

19. To understand theory and use of MCB
20. To understand theory and use of ELCB