Training Board Of Karnaugh Mapping Applications. The karnaugh map is the simplest and commonly used method to simplify the boolean expressions. It can be used up to six variables.

Object:
01. To simplify any given boolean function of four variables using karnaugh mapping.
02. Designing & Implementation of two level circuits.

Features:
The board consists of the following built-in parts :
01.   D.C. supply   :   +5v at 200 mA Ic Regulated power supply.
02.   Logic Inputs   :   Eight independent logic level inputs to select High / Low TTL levels, each with a LED to indicate high / low status and termination.
03.   Logic Indicator   :   Two independent logic level indicators for High / Low status indication of digital outputs.
04.   IC's on Panel   :   2 Input AND Gate IC-7408
:   3 Input AND Gate IC-7411
:   2 Input NAND Gate IC-7400
:   3 Input NAND Gate IC-7410
:   2 Input OR Gate IC-7432
:   3 Input OR Gate IC-4075
:   2 Input NOR Gate IC-7402
:   3 Input NOR Gate IC-7427
05.   Seven segment decoder : One BCD to Seven Segment Decoder/ Driver IC with termination.
06.   Adequate no. of other electronic Components.
07.   The unit is operative on 230v ± 10% at 50 Hz A.C. mains.
08.   Mains ON / OFF Switch and LED indicator are provided.
*   Adequate nos. of patch cords stackable 2mm spring loaded plug, length ½ metre
*   Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
*   Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.