



**BITS Pilani**

Hyderabad Campus

Department of Electrical Engineering



# Digital Design

## First Semester 2020-21

### Tutorial : 04

  

## QM Method

# Digital Design Tutorial : 04

1. Obtain the Boolean Expression using k-map and verify with QM method

$$F(a,b,c,d) = \sum m(0,1,2,5,6,7,8,9,10,14)$$

# Digital Design Tutorial : 04

2. Obtain the Boolean Expression using k-map and verify with QM method

$$F(W, X, Y, Z) = \sum m(0,3,5,6,7,10,12,13) + \sum d(2,9,15)$$