

Design and Functional Simulation of Land Rover FIGO FSM

STATES:

The States represents the different location around the ISRO campus.

Room0[000],

Room1[001],

Room2[010],

Room3[011],

Room4[100],

Room5[101],

Room6[110],

Room7[111].

INPUTS:

The input will be a binary sequence(example:1001).

Room0[000]	If 0, stay at Room0	If 1, go to Room1
Room1[001]	If 0, go to Room2	If 1, go to Room4
Room2[010]	If 0, go to Room3	If 1, go to Room4
Room3[011]	If 0, stay at Room3	If 1, go to Room0
Room4[100]	If 0, go to Room7	If 1, go to Room5
Room5[101]	If 0, go to Room3	If 1, go to Room6
Room6[110]	If 0, go to Room7	If 1, stay at Room6
Room7[111]	If 0, go to Room1	If 1, go to Room5