SHUBHAM

SE-comp-A

ASSIGNMENT-&

AIM: To implement Boolean Expression Wing Logic (fater.

SOFTWARE / HARDWARE / IC-REQUIRED: Mulism & ICTrainer Kit,

patch chords, IC7408 (2nput And), IC7432 (2nput OR)

IC 7404 (2nput MOR)

THEORY: Implementation of Expression ABC + [CD+AB] + B

LOGIC DIAGRAM FOR THREE BASIC GATES

INPUT AND INVERTER INPUT OR

Any Boblean function, an be represented by using a number of rogic getts interconnecting them. Logic Gates implementation or logic representation of Boblean function is very simple and easy form.

The Implementation of Boblean funct using logic gates involves connecting one logic gette output to another gate's Imput and Involved using AND, NOT, OR etc.

Conclusion: :-

Bobleon expression amplemented sucusfully using logic gate.

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