

## INSTITUTE OF INFORMATION TECHNOLOGY JAHANGIRNAGAR UNIVERSITY

**Number of Assignment: 04** 

Name of Assignment : Designing Combinational Logic Circuits.

**Course Tittle** : Digital Logic Design

**Course Code** : ICT – 2103

**Submission Date** : 12/01/2021

## **Submitted To**

Dr. Md. Sazzadur Rahman

**Assistant Professor** 

IIT - JU

## **Submitted By**

MD. Shakil Hossain

Roll - 2023

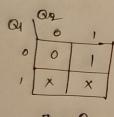
2<sup>nd</sup> year 1<sup>st</sup> Semester

IIT - JU

CK+	excitation	table:
- 110	4.41001	, looke

Q <sub>1</sub>	02	Q	Qz	10	K,	1 J2 K2
0	0	0	1	0	×	1 ×
0	1	1		9	× /	× 1
1	0	1	, /	X	0	1° ×
1	, )	0	0 /	×	0	×

for J,

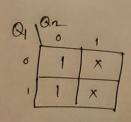


J, = Q2

a 191-	
ay 1020	, ,
o x	×
10	1,-

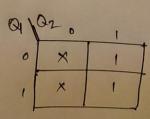
K1 = Q2

for J2



J2=1

for kz



K2=1