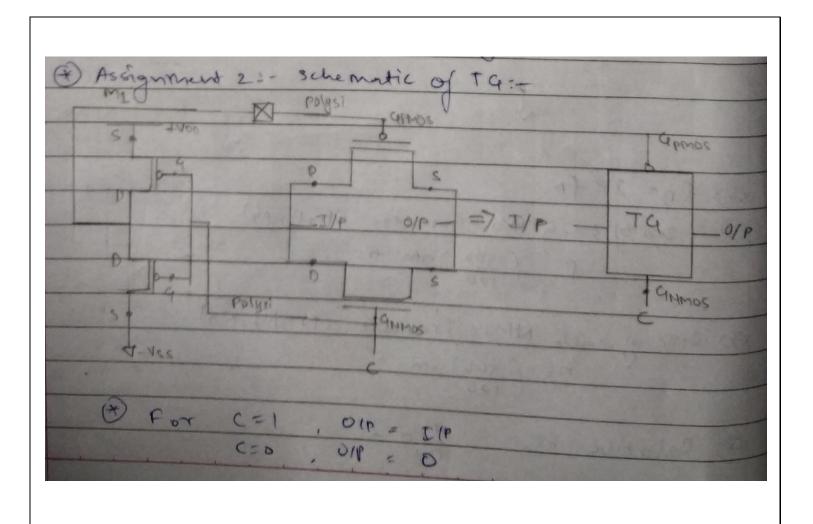
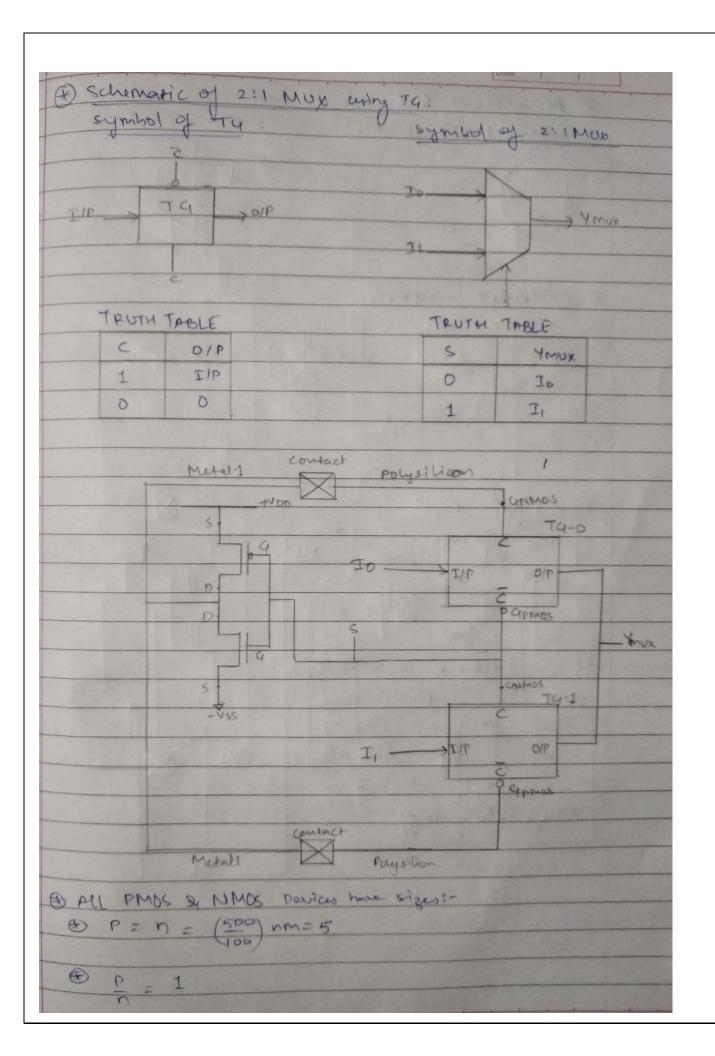
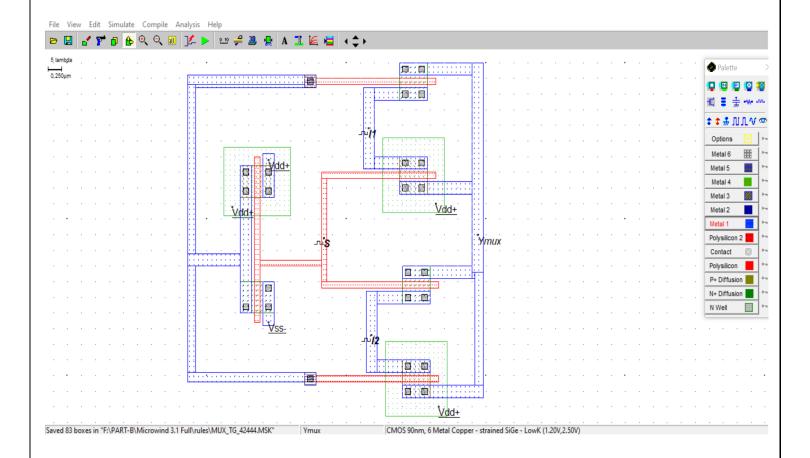
Class	:	BE - 8
Roll. No	:	42410
Assignment No.	:	2
Assignment Name	:	2:1 MUX USING TG LOGIC
Date of Performance	:	23-11-2020



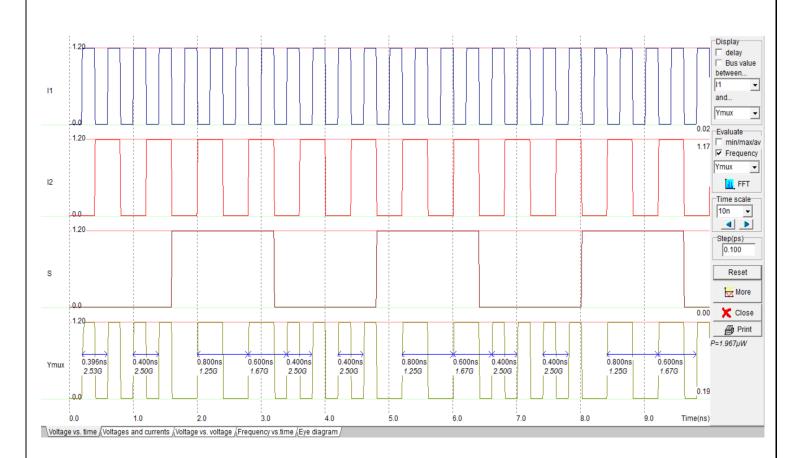


Layout

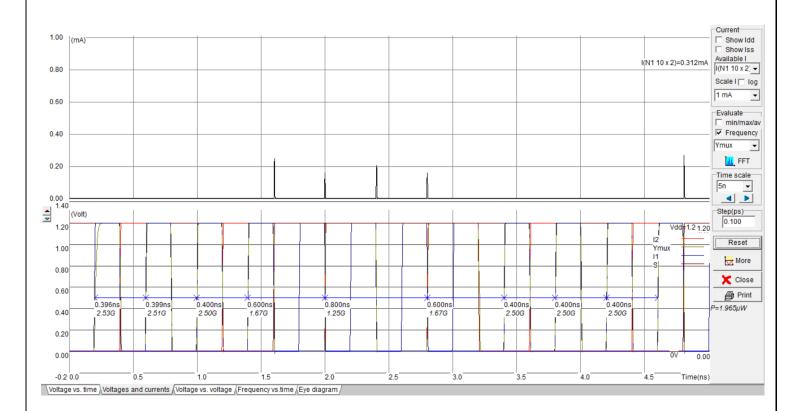


WAVEFORMS

1. V vs T Waveform



2. V out, I out Waveform



Conclusions:

Thus, we have:

- 1) Drawn the LAYOUT for Transmission Gate and 2:1 MUX using TG using 90 nm Foundry.
- 2) Simulated the LAYOUT to observe waveforms.
- 3) When the S is 0, the output is same as I0 and when S=1 output is same as I1.
- 4) Verified its functionality as per TRUTH-TABLE.
- 5) Noted the values of Pdynamic.