







## Cloud based Analog IC Design Hackathon

This is to certify that

Abrar

from *manipal* 

has designed the circuit

Simulation of CMOS based Comparator

using Synopsys Custom Compiler Platform
She/He has performed an Outstanding/Excellent/Very Good/Good work.

This program was conducted between 15 February - 1 March 2022 as an initiative of IIT Hyderabad, which has been sponsored by Synopsys in association with VLSI System Design (VSD) Pvt.

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Jacamasharker