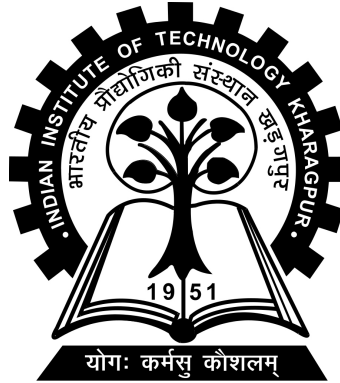


DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
KHARAGPUR - 721302, INDIA



CERTIFICATE

This is to certify that the project report entitled “Simulating quantum circuits using the Qiskit library” submitted by Hardik Pravin Soni (Roll No. 20CS30023) to Indian Institute of Technology Kharagpur towards partial fulfilment of requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering is a record of bona fide work carried out by him under my supervision and guidance during Autumn Semester, 2023-24.

Indranil Sen Gupta

Professor Indranil Sen Gupta

Department of Computer Science and

Engineering

Indian Institute of Technology Kharagpur

Kharagpur - 721302, India

Date: November 7, 2023

Place: Kharagpur