

SUMMER PROJECT CERTIFICATE
INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR



To Whom It May Concern

This is to certify that Mr. Saransh Gupta (17QM30005), a third year student of Department of Industrial and Systems Engineering, Indian Institute of Technology, Khharagpur has worked in the area of "*A machine learning based path guidance system for safe evacuation from a hospital building in case of fire emergency*" during May 15, 2019 to June 30, 2019, under the guidance of the undersigned.

In the span of project duration, he was found to be very sincere and hardworking.

We wish him a bright future ahead.

A handwritten signature in blue ink, which appears to be 'J. Maiti', is written over a horizontal line.

Professor J. Maiti

Department of Industrial and Systems Engineering

IIT Khharagpur

Date: July 18, 2019