**COVID-19 Detection using Cough Recordings \*\***

Project-I (18ME10024) report submitted to

Indian Institute of Technology, Kharagpur

In partial fulfillment for the award of the degree of

Bachelor of Technology (Hons.)

In

Mechanical Engineering

**By**

**Himanshu**

**(**18ME10024**)**

**Under the supervision of**

**Prof. Ram Babu Roy**



**Department of Mechanical Engineering**

**Indian Institute of Technology, Kharagpur**

**Autumn Semester,**

**November 22, 2021**

**DECLARATION**

I certify that

(a) The work contained in this report has been done by me under the guidance of my supervisor.

(b) The work has not been submitted to any other Institute for any degree or diploma.

(c) I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.

(d) Whenever I have used materials (data, theoretical analysis, figures, and text) from other sources, I have given due credit to them by citing them in the text of the thesis and giving their details in the references. Further, I have taken permission from the copyright owners of the sources, whenever necessary.

Date: Himanshu

Place: IIT Kharagpur (18ME10024)



**DEPARTMENT OF INDUSTRIAL ENGINEERING**

**INDIAN INSTITUTE OF THECHNOLOGY, KHARAGPUR**

**KHARAGPUR-721302, INDIA**

***CERTIFICATE***

This is to certify that the project report entitled **“COVID-19\*\*”** submitted by Himanshu (Roll No. 18ME10024) to Indian Institute of Technology, Kharagpur towards fulfillment of requirements for the award of degree of Bachelor of Technology (Hons.) in Mechanical Engineering is a record of bonafide work carried out by him/her under my/our supervision and guidance during Autumn Semester 2021-22.

**Prof. Ram Babu Roy**

**Rajendra Mishra School of Engineering Entrepreneurship**

**Indian Institute of Technology**

**Kharagpur, India**

**Date –**

**Place- IIT Kharagpur**

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