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Report on

A LOW COST ELECTRO-MECHANICAL DEVICE TO SARVE OXYGEN TO
THE COVID-19 PATIENTS

A report submitted for the partial fulfillment of the requirements for Mini Project of
BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(A LOW COST ELECTRO-MECHANICAL DEVICE TO SARVE OXYGEN TO THE COVID-19 PATIENTS)

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A LOW COST ELECTRO-MECHANICAL DEVICE TO SERVE OXYGEN TO THE COVID-19 PATIENTS

ABSTRACT

The worldwide medical community currently faces a critical shortage of medical equipment to address the COVID-19 pandemic. Especially the COVID-19 pandemic has produced critical shortages of ventilators worldwide. There is an unmet need for rapidly deployable, emergency use ventilators with sufficient functionality to manage COVID-19 patients. High range of cost on ventilators also a major problem. Therefore, main aim of project is to implement a design of low cost ventilator for COVID-19 patients.