

## **Title: Portable Artificial Breathing system**

Persons involved:

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Prototype of a low cost (Rs. 3500/- ) open loop control model ventilator without instrumentation based on above invention has been made and its working is available at <https://youtu.be/YrXZIHhWIJQ>

A provisional patent application has been filed in the name of NIT, Kurukshetra on 31-03-2020.

The invention has provision of instrumentation on open loop model; sensor and instrumentation based closed loop model; remote monitoring and controlling of one or multitude of such systems

Research funding required to build Prototype of closed loop system.