

## **APJAKTU Emergency Ventilator Challenge - URGENT**

In the wake of COVID-19 pandemic, there is a huge scarcity for ventilators worldwide which might shoot up still, if the situation demands. World over, a number of low cost designs are currently being experimented and prototyped. In this context, **APJAKTU COVID-19 CELL** and Centre for Engineering Research and Development (CERD) under APJAKTU invite low cost designs and corresponding prototypes from students under APJAKTU. The entries will be scrutinized by an expert panel. Funds upto Rs.25000/- will be reimbursed to entries recommended by the experts. The baseline (minimum) specifications are attached.

**Deadline: Submission of entries with video of prototype: 10-4-2020**

**Mail id to which entries are to be mailed: techchallenge@ktu.edu.in**

All entries (multiple entries are permitted) should have the following sections

1. Type: Portable/Mechanical
2. Abstract
3. Design with drawings
4. Working explanation
5. Table showing details of components and estimated cost for prototype
6. Name, Register Number, Department, Name of College.
7. Name of faculty mentor, Faculty ID, Mobile Number, Mail id.

(The selected designs will be the right of the University. University will hold the right to publish/patent the design/product)

The COVID-19 Cell constituted in each institution are requested to facilitate the students in this venture.

**KTU COVID-19 CELL**

**CERD**