



REBOOT TO SAFE MODE!

Solar Pulse Oximeter bands for every student

Social distancing measures have subsequently shifted students to online education. However, a vast number of students prefer to get education by physically going to school/college rather than online lectures. Looking at this opinion of students, it's important that schools/colleges should be opened, but strictly sticking to well-defined norms.

The solution to this is Solar Pulse Oximeter Bands

- The very initial symptom of COVID-19 is lowering of the oxygen level of a person.
- The pulse oximeter is a device that can monitor the oxygen level of a person.
- It is compact and portable. By proper integration with solar cells and alarm system, it can effectively be used to prevent
- The spread of the concerned disease.



- Every educational institute must have an isolation chamber in case of presence of a coronavirus suspicious student/staff.

- Pulse Oximeter readings of a normal person usually ranges from 95 to 100.

- The theory is that students should put these bands on hand with an oximeter connected to the fingers of their non-dominating hand.

- The oximeter will generate the readings which will be supplied to the band that's connected with wire.

- If the oxygen level falls below 95, the alarm would go off alerting the students and the faculty immediately

- The affected student/staff member should then be shifted to an isolation chamber immediately.

- Also, the oximeter can have a solar cells for continuous battery recharge.

This will give us an early warning of any spread of the dreadful virus and we'll be able to tackle this in an efficient manner. Using this technology, spread of disease can be continuously monitored without any human attention. The chain of infection can surely be broken if such technology is used.