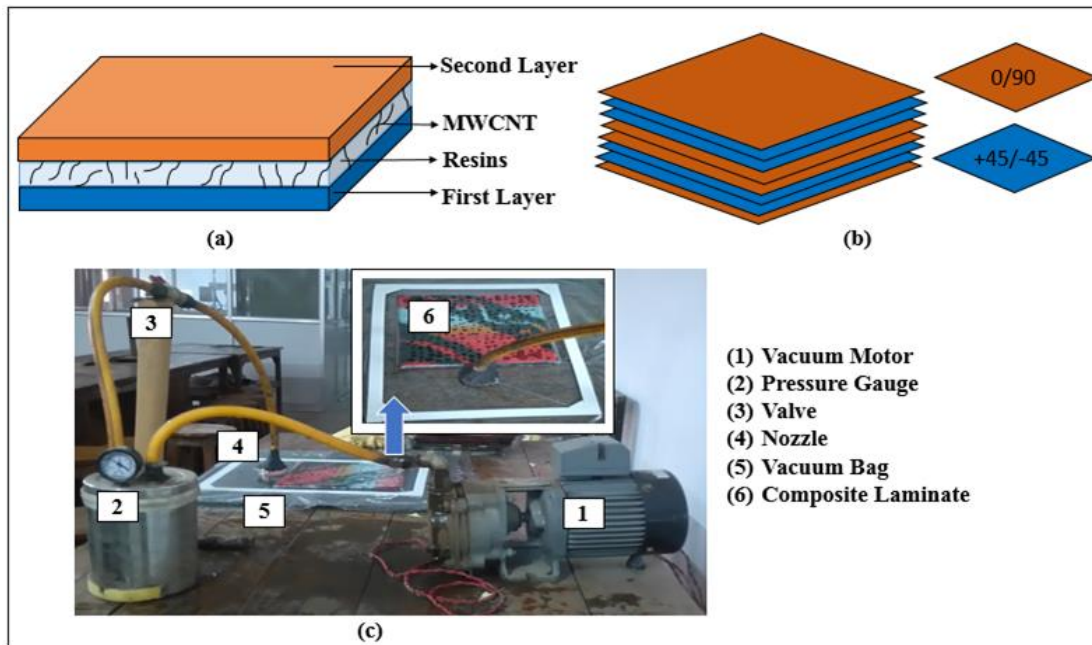


Objective: To protect the people from any types of virus attack including Covid-19

- ❖ Design and development of new product according to national and international standard
- ❖ Low-cost face mask for medical team and sanitary workers
- ❖ Extending life and decreasing number of casualties in working ambience

Basic Motivation for development of this product

Now-a-days a worker working in medical team and sanitary team are vulnerable to effect his due to coronavirus or any type of infections or may develop respiratory problems working under suspended environment. This project deals with the development of such product or if available then modification of such in a manner that both the producer and user remain in a win-win situation. In order to develop such product(s) detailed study of the working environments and working culture of the future users will be studied. Further these study will generate data about average life on risk if they are infected. Apart from this perspiration will also be observed during the above study so that the final product(s) will be comfortable too. Design and development of such product(s) which will be light weight for the workers together with cost cutting in product manufacture will be also addressed.



(a) Three phased composite, (b) Symmetrical laminate design and (c) Vacuum bagging set-up.