



उन्नत भारत अभियान  
UNNAT BHARAT ABHIYAN

**IISER  
THIRUVANANTHAPURAM**

**UNNAT BHARAT ABHIYAN**

**PROJECT DEPLOYMENT REPORT**



# **IISER THIRUVANANTHAPURAM**

**AISHE CODE: U-0254**

**Title: Reusable triple layer cloth masks  
by SHG**

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# Reusable triple layer cloth masks by SHG

India has been intensifying its efforts to contain the virus as the number of cases increased drastically. Kerala is one of the worst-hit places among the Indian states. The state has deployed all of its workforce to battle against the virus.

The state of Kerala has been doing a tremendous job in the field, to fight against corona. The state has managed to keep the curve flattened. The state has a well-established health sector and a great track record during the pandemic. Nonetheless, the state was having issues in the availability of basic resources due to the rapid increase in the number of positive cases. As we know, the coronavirus can be spread through droplets or by any kind of physical contact. It is necessary to wear face masks to reduce the chances of spreading. To prevent the community spread of the virus, health workers are working day and night to support and cure people affected by the virus and the people treated under house isolation.

As part of the activities under IISER Thiruvananthapuram, the institute is keeping an active connection with the health workers working in the adopted villages under the supervision of the UBA health team. Recently the team has contacted the Doctors of the general hospital and we got to know that the medical workers are having issues because of the unavailability of protective face masks. In this situation, it is necessary to produce the maximum number of reusable cloth masks to support the medical team, manage the situation, and stop the virus's community spread.

In order to achieve this goal, the UBA cell has decided to produce the maximum number of reusable cloth masks with the help of the Self-help group established by the UBA cell. The manufacturing unit (SHG) is being run and maintained by twenty rural women.

The UBA cell could manage to produce a sum of 4638 reusable cloth masks with the help of the SHG. The masks were distributed to the tribal settlements located in the villages adopted by the UBA cell (Vithura, Vellanad, Tholicaid, Aryanad, Thennur). The masks were distributed among the community with the supervision of Tribal promoters of each village.



SHG Members



SHG members stitching the masks









Tribal promoters distributing masks to the MGNREGA workers of Aryanad village.





Tribal promoter of Thennur village handing over the masks to the residents.



Elected representatives of Aryanad village distributing cloth masks to the MGNREGA workers





Ward member Shri. Saraswathi handing over the mask to the convener of MGNREGA.





Cloth masks  
distributed to the  
health volunteers of  
Vellanad village.

Provided cloth masks to  
the tribal settlement of  
Aryanad.







Cloth masks distributed to the tribal settlements of Tholicaud.