



# **Sustainable Initiatives during Covid-19 and Beyond...**

**LAKSHMIBAI COLLEGE,  
UNIVERSITY OF DELHI**

# We stand united in this challenging situation of pandemic.....

The Novel Corona Virus (COVID 19) has infected almost 29,00,000 people globally and more than 24000 people in India as on April 25, 2020

We pledge to do our bit while keeping at home. The altered homebased life is constantly changing the way we purchase and consume....

Refurbishing / Repurposing / Reusing are the new market trends...

In this current situation it is very important for each one of us to protect ourselves by covering our face to prevent spread of the life-threatening and fast-spreading COVID-19

**The ADC students have in this context taken the initiative to extend their stitching knowledge towards well-being of the society.**

The **Apparel Design and Construction (ADC)** students of **Lakshmibai College** under the guidance of Faculty members have undertaken **two projects** namely,

- Development of Reusable Ecologically Sustainable Fabric Mask**

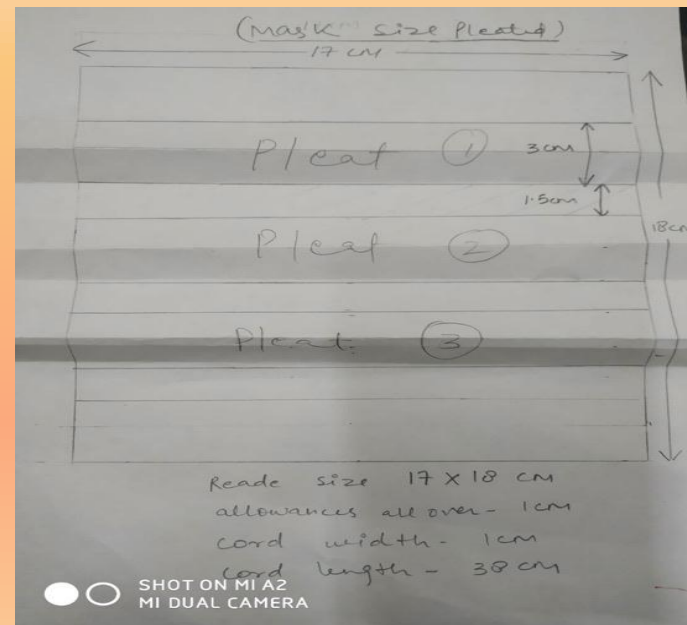
- Development of Environmentally sustainable, reusable Sanitary Napkins for women hygiene.**

# Project on : Development of Reusable Ecologically Sustainable Fabric Mask

A group of five students and faculty leveraged the pattern developed for face-masks.



Reference Mask used for  
sample development



Pattern developed basis the  
Reference Sample of the mask



Students being trained on the Pattern cutting for **Reusable Ecologically Sustainable Fabric Mask**

20 Face masks were prepared as a part of pilot study. Testing was conducted following this and necessary pattern alterations were made for better comfort and fitting.

***Samples: Reusable Ecologically Sustainable Fabric Mask***



PhotoGrid



Finally, a total of over **500 face masks** and **few gloves** have been stitched by **90 ADC** students, under guidance of their **3 faculty members** and are ready for distribution in their neighbourhood areas to everyone needing these / facing shortage of the same.



Mask developed by LBC students while maintaining social distancing

## Reusable Ecologically Sustainable Fabric Mask 2020



ADC, Lakshmibai College

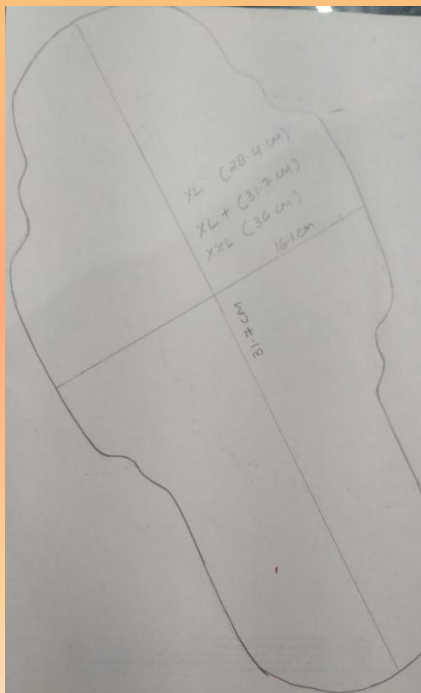
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# Project on : Development of Environmentally sustainable, reusable Sanitary Napkins for women hygiene.

In today's scenario where lockdown is the new normal, stepping out for essentials is a big challenge and hence such sanitary napkins come to our rescue.

A group of students and ADC faculty leveraged the pattern developed for sanitary napkins.



Patterns developed basis the Napkins available in market



A group of 10 ADC students and women of Wazirpur slum area were trained to make  
**Reusable Sanitary Napkins**





Re-usable Sanitary Napkins developed for Pilot Testing

Pilot testing was carried out to check the performance of these napkins and their efficiency with the help of a number of students and women of Wazirpur village .

With the help of a feedback form (designed in English as well as Hindi language), the necessary feedback had been recorded to improvise and make necessary changes in the pattern of the napkins as well as other features.

As per feedback received the developed reusable sanitary napkins were good in fit, easy to use, fair in absorbency.



Re-usable Sanitary Napkins given for Pilot Testing