

## **Green Initiatives** **(Through Natural Colour)** Dyeing & Printing Laboratory

Textile Section, Silpa-Sadana

Green initiatives are different actions to promote environmental awareness and save Mother Earth. Students of the Textile Section, Silpa-Sadana, contribute to the **Green Initiative** concept of Visva-Bharati by exploring sustainable and environmentally friendly approaches through creative practice. In the present documentation, colourants extracted from different vegetable resources have been used to produce eco-friendly textiles through dyeing, painting, printing, etc. These processes not only minimise environmental impact but also revive the wisdom of indigenous craft practices and reconnect design with nature, where every print becomes a quiet act of conservation and awareness.



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## **Some Works Carried Out as Part of Green Initiatives**

### *Botanical Printing*

The indigenous variety of leaves collected from Santiniketan-Sriniketan Campus was used for this purpose. The impression of the leaves is transferred to cotton and silk fabric through a steaming process.



Botanical prints on silk and cotton fabric

### *Batik with Natural Dyes*

It is a resist technique, in which the design or motif is created on the fabric surface with beeswax. The dyeing of those fabrics was carried out with different colourants extracted from natural sources in the presence of mordants.



Batik work with natural dyes



### *Printing with Natural Dye*

Different natural dyes and some innocuous mordants were used for printing cotton fabric, following the simultaneous mordanting technique with the help of a screen, designed and developed by the students and blocks.



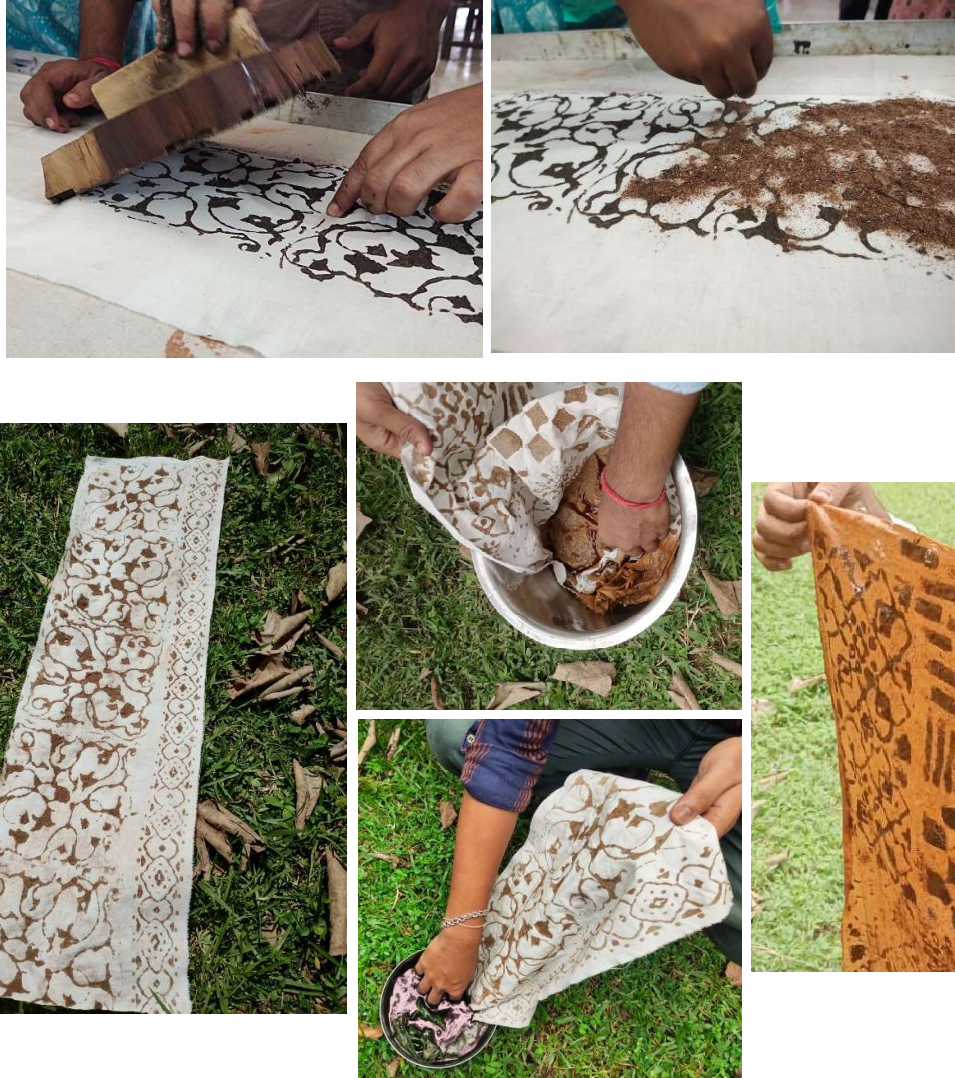
Screen /Block printing with natural dyes



Discharge printing on natural dyed ground

### *Printing with Clay as Bio-mordant*

The approach of using mud to create prints is an environmentally friendly approach, and the process does not involve the use of any harmful chemicals. In this technique, mud acts as a mordant to produce different shades in the resist area.



Different stages of printing with clay