

Study of tie and dye effect using fevicryl fabric colors and dyers dye

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ABSTRACT

The present study was conducted to find new and interesting idea which can break monotony and give a touch of novelty in tie and dye with Fevicryl fabric colors. Market survey was done of thirty dyers of Chandigarh selected through random sampling technique. All the dyers used direct dye of Seba brand to dye the cotton fabric. Investigator develop nine sample using three different techniques of tie-dye. Display method was used for visual inspection of the sample with regard to the feel of the fabric, appearance and tie-dye effect. Sample sheets were evaluated by using 5 point scale method. Fabric colors were better choice than direct dyes.

Key Words : Tie and dye, Dye, Fabric color

INTRODUCTION

Tie and Dye is one of the type of resist printing which is practiced in almost all parts of India. It is known in Malaya as plangi (many colored and reserved dot) in India as bandhana (to bind) or chundri and in Japan as Shibori (tied and knotted) or an earlier term – yuhata (tying together fabric). Tie-dye is one of the first ways in which mankind decorated fabrics. It is laborious and time consuming method of printing. So an attempt was made by the investigator to find out a fast and easy method of tie-dye using Fevicryl fabric colors.

Objectives :

- To survey the dyers and to find out the type of dye used for tie dye on cotton fabric.
- To make nine samples using three different techniques of tie and dye.
- To compare the results of tie-dyed samples in terms of feel of fabric, appearance and tie-dye effect.

Limitations :

Survey was limited to thirty dyers in the city of Chandigarh. Only two colors were used

i.e. orange and black on cotton fabric.

METHODOLOGY

Survey method was selected in sample size of fifteen roadside and commercial dyers. Data was collected by the interview and observation method. Nine sample of cotton fabric of 30cm x 30cm were made with double color effect with three different techniques. Dyers dye were used for the traditional method and Fevicryl fabric color for modern method of tie-dye. Sample was evaluated by the panel of judges. Panel comprised of teachers, post graduate and undergraduate students of clothing and textile department. Assessment of the tie-dye sample was done on the basis of their feel of the fabric, appearance and tie-dye effect.

Excellent – 5

Very good – 4

Good – 3

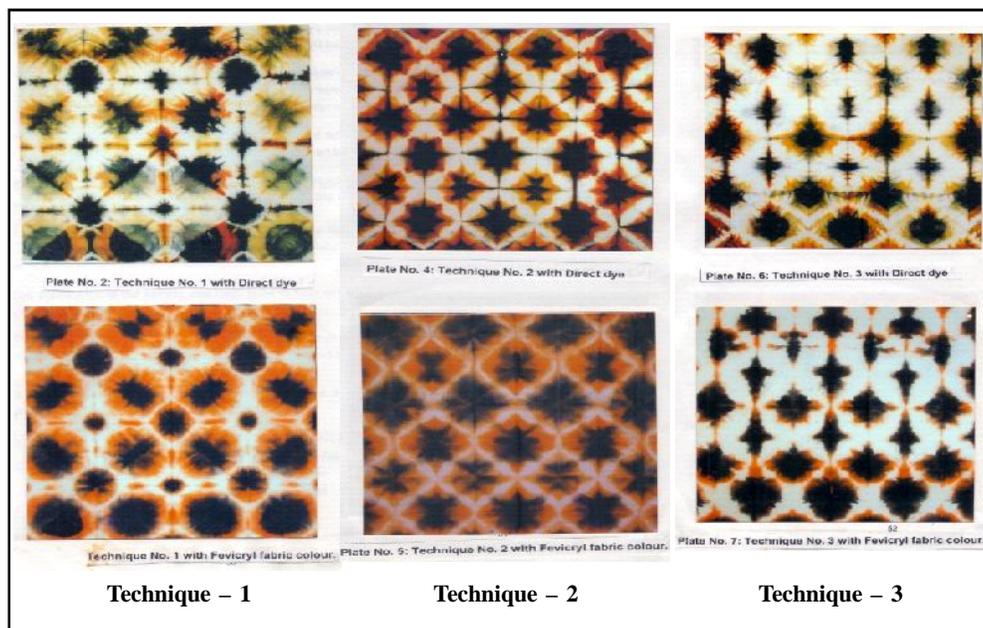
Fair – 2

poor – 1

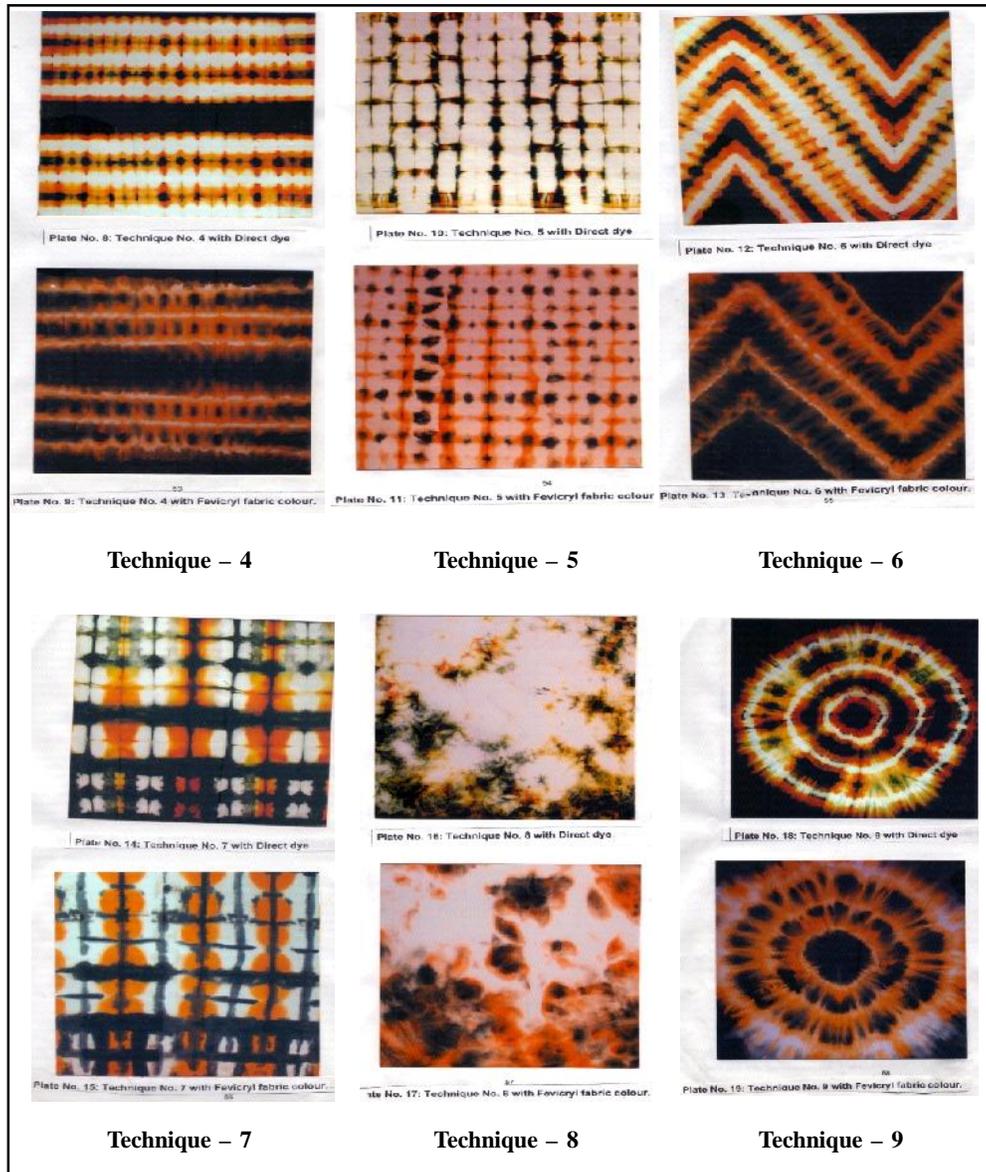
The data collected from respondent was coded, tabulated and analyzed.

RESULTS AND DISCUSSION

All the dyers used only direct dyes to tie-dye cotton articles and assistant used was common salt. Direct dyes of Seba brand were used. Evaluation of the sample showed that the feel of the sample in direct dyes in all the techniques was rated very good whereas the sample with fabric colors was rated very good in technique no. 1, 2, 6, 7, 8 and 9 and rated good in technique no. 3, 4 and 5.



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Evaluation of visual inspection revealed that the appearance of sample in direct dyes was excellent in technique no. 1 and 2 and very good in technique no. 3, 4, 5, 6, 7, and 9 and good in technique no. 8 where as appearance of samples with fabric color was very good in 1, 2, 3, 4, 5, 6, 7 and 9 and good in technique no. 8.

Evaluation of visual inspection revealed that tie-dye effect of the samples in direct dye was rated excellent in technique no. 1, 2 and 3 and very good in technique no. 4, 5, 6, 7, 8 and 9 while the tie-dye effect of fabric sample was rated very good in technique no. 1, 2, 3, 4 and 5 and rated good in technique no. 6, 7, 8 and 9.

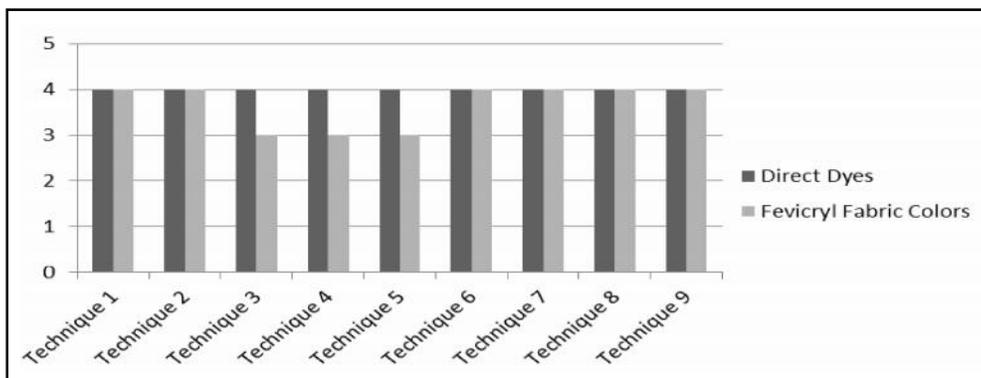


Fig. 1 : Evaluation of feel of sample with direct dyes and fevicryl fabric colors

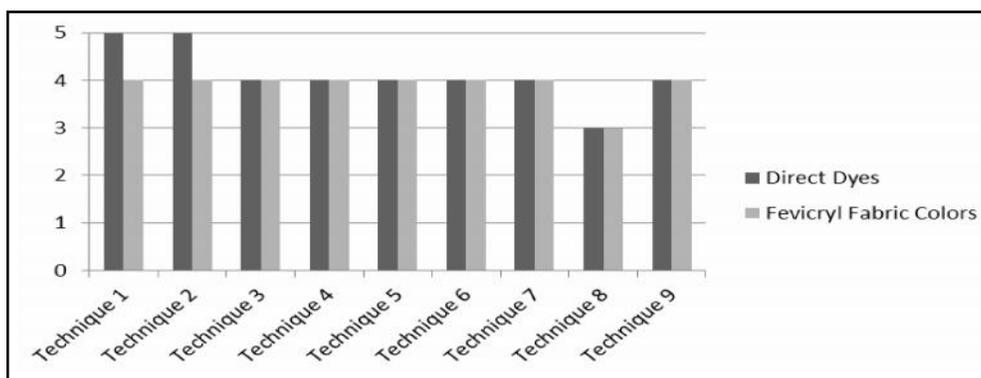


Fig. 2 : Evaluation of appearance of sample with direct dyes and fevicryl fabric colors

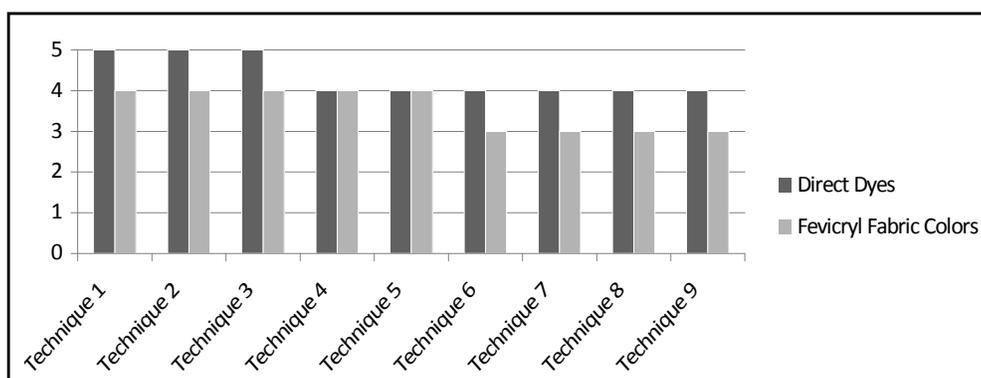


Fig. 3 : Evaluation of tie and dye effect on sample with direct dyes and fevicryl fabric colors

Conclusion :

The most visible manipulation of fashion and life style is mirrored through our clothing. While food and housing are internal need, clothing is that one carries through on one self

most of the time attracting great scrutiny. Making slight modification in our traditional techniques, we can introduce some new method of dyeing for fashion conscious people. Thus our purpose is to introduce something new in the world of fashion.

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