

© Society for Promotion of Tropical Biodiversity, Jabalpur

## **DEVELOPMENT OF VARIOUS SHADES ON COTTON FABRICS USING NATURAL DYES FROM LEAVES OF *BUTEA MONOSPERMA* FOR APPLICATION ON HANDLOOM AND CRAFTS PRODUCTS**

ARCHNA MALL<sup>1\*</sup>, HARI OM SAXENA<sup>2</sup>, NEELAM AGRAWAL<sup>3</sup> AND NANDITA SARKAR<sup>1</sup>

<sup>1</sup>Govt. M. H. College of Home Science & Science for Women, Jabalpur - 482002, India

<sup>2</sup>Tropical Forest Research Institute, PO - RFRC, Jabalpur – 482021, India

<sup>3</sup>Govt. Polytechnic College, Jabalpur – 482002, India

\*Corresponding author: archnamall1987@gmail.com

**ABSTRACT:** In the present investigation, natural dyes from the leaves of *Butea monosperma* was extracted first time and a range of beautiful shades on cotton fabrics in combination of different mordants were developed. The process of extraction and dyeing is environmental friendly and causes minimum environmental pollution. The dyes extracted can also be utilized for dyeing handloom and craft products for enhancing the livelihood prospects.

**Key words:** *Butea monosperma*, leaves, natural dyes, cotton fabric, handloom-craft-products

**Citation:** Mall A, Saxena HO, Agrawal N, Sarkar N (2014) Development of various shades on cotton fabrics using natural dyes from leaves of *Butea monosperma* for application on handloom and crafts products. Indian J Trop Biodiv 22(2): 210 - 213

---