

Extraction and application of antimicrobial agents using neem and siriyanagai leaves for home furnishing

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■ **ABSTRACT :** The extraction was taken from the herbal plant of neem and siriyanagai leaves. The cotton fabric was dyed with this extraction by dyeing method. The treated fabric was examined by antimicrobial testing method (AATCC 147 and 30). The neem finished fabric showed good antimicrobial activity when compared with untreated fabric. The siriyanagai finished fabric showed better antimicrobial activity when compared with untreated fabric and also neem finished fabric. Both antimicrobial finished fabrics were applicable for home furnishing (curtains), as well as used for medical purpose in the form of curtains.

■ **KEY WORDS:** Antimicrobial agents, Neem, Siriyanagai, Furnishing

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