**Abstract**

Modal is a 100 % biodegradable fabric made from the spun reconstituted cellulose of beach trees. It dyes like cotton and is color fast when washed in water. Modal fabrics resist fading, shrinking and the buildup of hard water mineral deposits even after repeated washing, and modal could be easily blended with cotton. In this study, woven and knitted modal (100%), cotton (100%), and modal / cotton (50 : 50) blended fabrics were dyed with natural dyes (kum kum, indigo and barberry) and synthetic dyes (reactive (H & M), and sulphur), and finished subsequently. They are then subjected for SEM and FTIR studies.