

# **Correlation and Path Analysis Studies in Cotton (*Gossypium hirsutum* L.)**

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## **ABSTRACT**

The study was undertaken with an objective to study the correlation and path analysis studies for seed yield and yield traits in cotton genotypes during *khariif*, 2012-13 at Agricultural College Farm, Bapatla, Andhra Pradesh. Correlation and path coefficient analyses together indicated that plant height, number of sympodia per plant, number of bolls per plant, lint index, bundle strength, fibre elongation and micronaire had significant positive direct effects on seed cotton yield per plant indicating the existence of true relationship between these characters and their exploitation in selection programmes

**Key words :** Cotton, Correlation, Path analysis.