

# **Genetic Variability, Heritability and Genetic Advance Studies in Cotton (*Gossypium hirsutum* L.)**

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## **ABSTRACT**

Sixty cotton genotypes were evaluated during *Kharif*, 2014-15 for genetic variability, heritability and genetic advance as per cent of mean based on 15 characters. High genotypic coefficient of variation (GCV) and phenotypic coefficient of variation (PCV) values are observed for the trait number of monopodia per plant. High heritability coupled with high genetic advance as per cent of mean was recorded for characters *viz.*, plant height (cm), number of monopodia per plant, number of bolls plant<sup>-1</sup>, lint index (g), seed cotton yield per plant and lint yield per plant (g) indicating the preponderance of additive gene action making selection effective.

**Key words :** Cotton, Heritability, Variability parameters .