

# **Character Association and Path Coefficient Analyses in Pigeonpea (*Cajanus cajan* (L.) Millsp.)**

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## **ABSTRACT**

Forty nine genotypes were studied for character association and path analysis for yield and twelve characters. The correlation study indicated that the number of pods per plant, harvest index, 100 seed weight, shelling percentage, days to 50% flowering and protein content had significant positive association with seed yield and simultaneous improvement of these characters along with seed yield is possible. Path coefficient analysis revealed that number of pods per plant, shelling percentage, harvest index, plant height and protein content had showed positive direct effects together with positive correlation on seed yield per plant.

**Key words :** Correlation, Path Coefficient Analysis, Pigeonpea.