

IMPACT OF G.P ON NETWORKS - A COMPUTATIONAL STUDY ON CASE (II)

K. V. L. N. ACHARYULU¹ & NAGU VADLANA²

¹Faculty of Mathematics, Department of Mathematics, Bapatla Engineering College, Bapatla, Andhra Pradesh, India

²Faculty of Computer Science, Department of MCA, Bapatla Engineering College, Bapatla, Andhra Pradesh, India

ABSTRACT

The paper concerns with the aim of identifying whether G.P influences a Network in a particular case or not. The maximum possible network is constructed in a systematic way with 124 activities and 94 nodes. G.P applied on Optimistic time estimate among three time estimates namely optimistic, most likely and pessimistic. A computational study has been carried out on the constructed network. Few results are obtained. All float values are calculated. Critical path is traced. Project analysis has been done with standard normal distribution curves which are illustrated where ever feasible.

KEYWORDS: Network, Time Estimates, Float, Critical Path, Normal Distribution