



## INFERENCIAL METHODS FOR INCOMPLETE MANPOWER DATA

*J. Kalaivani and R. Elangovan*

*Department of Statistics,*

*Annamalai University, Annamalai Nagar – 608002, India*

### ABSTRACT

*In manpower planning the data are often incomplete due to left truncation as well as right censoring. Right censoring occurs when a number of people have not yet left when data collection is terminated. Left truncation arises when some people are already in service at the commencement of data collection. For such data much work has been done on the parametric and non-parametric estimation of the survivor function using manpower data. In this paper, it is proposed to discuss the estimation methods for incomplete manpower data. Numerical illustration is also provided.*

**Key Words:** Manpower Planning, Incomplete Manpower Data, Parametric and Non- Parametric Estimation, Survivor Function.