



### Web Report on “FDP on Panel Data Analysis”

<b>Title</b>	Web Report on “One Week FDP on Panel Data Analysis”
<b>Date</b>	July 16-July 18, 2018
<b>Resource Person/Facilitator</b>	Prof. (Dr.) C.P. Gupta - Department of Financial Studies, University of Delhi, south Campus.
<b>Summary</b>	<p>Panel (data) analysis is a statistical method, widely used in social science, epidemiology, and econometrics to analyze two-dimensional (typically cross sectional and longitudinal) panel data. The data are usually collected over time and over the same individuals and then a regression analysis is run over these two dimensions. Multidimensional analysis is an econometric method in which data are collected over more than two dimensions (typically, time, individuals, and some third dimension). It is of two types like fixed effect model and random effect model.</p> <p>The purpose of this workshop was to make the participants aware about the meaning of panel data in advanced level data analysis. Prof. C.P. Gupta started his lecture by discussing about the concepts of OLS and GLS. He explained the participants about the applicability and relevance of panel data. He encompassed fixed effect and random effect model elaborately. In these three days, the participants learnt about the properties of OLS, assumptions of Regression and Panel data using fixed effect, random effect and Hausman test. The FDP was indeed an interactive and knowledgeable one. The guest speaker answered all the queries well and the participants were completely satisfied. Participants found the FDP to be really productive and a wonderful learning experience.</p>