



Web Report on Workshop “One Week FDP on Structural Equation Modeling”

Title	Web Report on “One Week FDP on Structural Equation Modeling”
Date	May 28-June 2, 2018
Resource Person/Facilitator	Dr. Neeraj Kaushik, Associate Professor, NIT Kurukshetra
Summary	<p>Structural equation modeling (SEM) is a statistical technique for building and testing statistical models, which are often causal models. Modeling thus, it is suited to theory testing, rather than theory development. It usually starts with a hypothesis, represents it as a model, operationalizes the constructs of interest with a measurement instrument and tests the model. With an accepted theory or otherwise confirmed model, one can also use SEM inductively by specifying a model and using data to estimate the values of free parameters. Often the initial hypothesis requires adjustment in light of model evidence, but SEM is rarely used purely for exploration.</p> <p>The resource person for this workshop was Dr. Neeraj Kaushik, Associate Professor - NIT Kurukshetra. Dr. Kaushik, started his session by exemplifying the latent variable. He explained the participants about the importance of research, its steps, scale, factor analysis, correlation and regression, confirmatory factor analysis and path analysis with the help of various statistical tools. He encompassed on how to deal with constructs with low model fit. The workshop was indeed an interactive and knowledgeable. The guest speaker answered all the queries well and the participants were completely satisfied. Participants found the workshop to be really productive and a wonderful learning experience.</p>



Let's explore Structural Equation Modeling..!!