

**The development of supply chain performance by application of Lean management:
Mediating effect of agility**

Muhammad Waseem Shah

University of the Punjab, Pakistan

This research was mainly focused on the proposed hypothetical model to explore the association between lean procurement, lean transportation and supply chain performance of manufacturing corporations' professionals in Pakistan, while observing the agility in mediating role. The study was conducted by cross-sectional survey among workers and managers of selected corporations of Rawalpindi and Islamabad cities, respectively. Sample population consists of 207 workers and data collection was done by the distribution of structured questionnaires through convenience sampling technique. In statistical analysis to draw conclusions the analytical tools such as reliability, correlation, and regression analysis were used. After compilation of results it was observed that there was a positive and significant association between lean procurement, lean transportation, agility and supply chain performance. Also, the outcomes of the study supported the highly significant mediating role of agility on the association of lean procurement-supply chain performance and lean transportation-supply chain performance.

Keywords: Lean procurement (LP), Lean transportation (LT), Agility (AG), Supply chain performance (SCP), manufacturing sector, Pakistan