

ABSTRACT

The base of every industrial revolution is to enhance productivity. Previous industrial revolutions had focused on the floor level production system Industries gained high productivity through steam power in first revolution, used electricity and production line in second , also shifting from analog to digital technology in third revolution, Industry 4.0 is the 21 century's industrial revolution, and it will be the new production model. Mass production is giving way to personalized production in the manufacturing sector.it includes Internet of Things, Industrial Internet, Smart Manufacturing, and Cloud-based Manufacturing,

The main purpose of this study is to examine how the use of technology supports the readiness of manufacturing organizations for the implementation of Industry 4.0. The research reflects the exploration of readiness for the implementation of Industry 4.0, which was assessed using a model of University of Warwick. The relationship between operational readiness and implementation was assessed by quantitative techniques by asking close ended questions from 35 responses employees in manufacturing organizations. the outcome demonstrates a strong interest in the problems faced by the Fourth Industrial Revolution to businesses. While the majority of respondents see Industry 4.0 as a fantastic potential for growth and improved productivity, the state of plans for its adoption varies greatly depending on region, market, and even individual companies.

Key words: Pakistan textile industry, industry 4.0, WMG, Productivity