

The two researchers seek to demonstrate the possibility of integration between the Lean Manufacturing System

(Just-in-Time "JIT") and the Mass Customization System in the organization in question through an exploratory

study in that organization and on the diversity of their administrative levels, and given the lack of interest of

many governmental organizations in the topics of the Lean Manufacturing System (Just-in-Time "JIT") and

Mass Customization System. Also, due to the importance of the two topics from the researchers' point of view,

in addition to the studies that dealt with the study variables and the relationship between them in the Iraqi

environment, which led to a comprehensive approach to this topic in an attempt to find a way to integrate the

successful application between the Lean Manufacturing System (Just-in-Time "JIT") and Mass Customization

System.

In order to achieve the goal of the research and answer the questions of the research problem, this research was

applied to the sample consisting of (27) people from different departments in the organization in the field of

research, and the electronic questionnaire was relied on due to the Corona pandemic and the difficulty of social

communication as a main tool for data and information collection, and it was treated using a group of statistical

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tools suitable for the nature of the research, such as: the mean, standard deviation, coefficient of variation, and T-Test. In addition to the correlation and effect coefficients, which were implemented using (IBM SPSS Statistics), the leading statistical software, version 27, on the computer. The research has reached many results, including: There is a significant correlation between both Lean Manufacturing System (Just-in-Time "JIT") and Mass Customization System in the organization under study. There is a significant effect between both Lean Manufacturing System (Just-in-Time "JIT") and Mass Customization System. Relying on the results of the research, a number of conclusions were shown, and according to which, the researcher presented a set of suggestions that, in turn, are consistent with those conclusions, including the need to adopt these two topics; i.e., Lean Manufacturing System (Just-in-Time "JIT") and Mass Customization System, as a prevailing culture in the manufacturing process being a profitable source in many cases, on the one hand, and the adoption of a more important culture represented in meeting various demands of customers on the other hand.