

Familiarity with Engineering Project Management And Their Duties In Projects

Authors : Mokhtar Nikgoo

Abstract : Today's industrial world has undergone tremendous changes in certain periods. These changes are called environmental changes. And they have a direct impact on organizations and bodies. Therefore, the importance of knowing these changes is clear. This importance has caused the manufacturing organizations to move towards multiple products and constantly change and expand their system. This research tries to show how the organization moves in this category by defining the basic steps of implementing a project. One of the most important features of a hard-to-order production organization is the definition of different production projects from different customers. Therefore, the lack of sufficient understanding of the type of work causes the project to be defined for the organization in question, and the managers of the organization (in every organizational level) are constantly involved with different projects. In the implementation of the production project of the aforementioned organizations, directing the facilities and people of the organization towards the implementation of the project is of particular importance. Therefore, it is felt necessary to define the project manager and his basic duties. Considering the importance of this topic, the project chapter deals with project management and its importance and examines all the different issues in that category from the perspective of implementation. A project includes certain activities of the organization that require the use of different resources and all the activities of the organization in order to implement the project with defined facilities and at the designated times. Project management is planning, organizing and controlling the organization's resources for a short-term goal that has been created for short-term and medium-term goals and objectives. Project management has the important task of centering and integrating (coordinating) task and line managers. In other words, project management requires having a strong and appropriate relationship with the internal people of the system to carry out the assigned activities and must have a general and technical knowledge related to various activities in the project environment. It seems that everything with project management in It is communication. One of the characteristics of production organizations under the order is the relationship between the customer (customers) and the organization until the completion of the defined project. Due to the nature of the work, it is necessary for a person to establish this relationship between the client and the organization's people and to establish this relationship in such a way that it does not cause a lack of coordination in the organization's activities. Therefore, project management has a very important role at this stage, because the relationship between the client and his organization will be any problems and problems and points of view that the client has, he must inform the management so that he can implement the cases with its analysis and special processes. To be transferred to other departments and line managers.

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