

## Quality Management in Construction Project

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**Abstract :** Quality management is an essential part of any project that has directly related to the performance of a project. Quality management is depended on multiple factors at different stages in a project, right from time management to construction logistics. A project is a mixture of various components that include iternary management, health and safety, crew productivity, and many more. From the survey conducted, we came to the conclusion that advancement in technology and indigenious approach to any project will result in maximum quality standards and better project performance. In this paper, we discuss various components of the factors above that lead to compromise the quality of a project and how it can be controlled in order to achieve maximum quality assurance using quality planning and total quality management. The paper also focuses on limitations and problems faced in each factor responsible for quality management and to tackle them using techniques and processes based on activities and identifying the sequence, approaching critical path, and duration. The project management concept that deals with the sequence of scope cost time give us an overview regarding the ongoing quality management, in a nutshell, giving us hints to regulate the current procedure for maximum achievable quality. It also deals with the problems faced by engineers that make the mundane work process slow, reducing the quality outcome drastically.

**Keywords :** management, performance, project, quality

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