

## **An Introduction to Critical Chain Project Management Methodology**

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**Abstract :** Construction has existed in our lives since time immemorial. However, unlike any other industry, construction projects have their own unique challenges - project type, purpose and end use of the project, geographical conditions, logistic arrangements, largely unorganized manpower and requirement of diverse skill sets, etc. These unique characteristics bring in their own level of risk and uncertainties to the project, which cause the project to deviate from its planned objectives of time, cost, quality, etc. over the many years, there have been significant developments in the way construction projects are conceptualized, planned, and managed. With the rapid increase in the population, increased rate of urbanization, there is a growing demand for infrastructure development, and it is required that the projects are delivered timely, and efficiently. In an age where 'Time is Money,' implementation of new techniques of project management is required in leading to successful projects. This paper proposes a different approach to project management, which if applied in construction projects, can help in the accomplishment of the project objectives in a faster manner.

**Keywords :** critical chain project management methodology, critical chain, project management, construction management

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