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## Project Scheduling Using Linear Programming, CPM and Crashing Time Technique

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### Abstract

Project scheduling is a method by which we can shorten the duration of the project or crash the duration of a project at the expense of certain added cost to meet the specified project deadline. The project might lag behind the given schedule for many numbers of reasons, and this situation may call for measures like crashing some activities by appointing extra resources. This crashing of activities is generally done by trial-and-error method which is not very productive and incurs extra costs. The crashing of activity is to be done in such a way that the project should be completed