

INTEGRATING PROJECT MANAGEMENT TOOLS FOR AUGMENTING THE PROFESSION OF CIVIL ENGINEERS IN M/S URC CONSTRUCTION (P) LTD., INDIA

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ABSTRACT

The second largest profession that contributes enormous infrastructural development in India is the construction field. It makes a substantial contribution to the national economy and provides a platform for increasing the opportunity of employment to large number of people. The construction industry has contributed an estimated share of 8% to the national GDP in 2011-12. A project encompasses a serialized set of composite activities that develops the interface between the planning and execution. As the development progresses, the entrant of new technologies and deployment of project management strategies were identified. This brings out the drastic advancement for taking up mega scale projects over many challenges that are booming up during the on-site execution of major works.

However the project completion is mostly triggered by effective monitoring in all the phases of project starting from Initiation, Planning, Execution, Review and Monitoring and Closure. Since the project is getting influenced based on the scope and complexity, the best way of handling the projects is by adopting suitable Project management tools in construction projects that focuses mainly on monitoring the timeline, cost and productivity.

In the modernized century, impregnation of new techniques and technologies into the field of construction will speed up the progress and tracking simultaneously. Some of the methods that were being majorly used by URC Construction (p) Ltd for the sake of extracting project excellence were targeted in this paper that finally results in creating the values in all the work activities.

KEYWORDS: Challenges, Project Management Tools, New Techniques and Technologies, Progress and Tracking