

# COMPARATIVE STUDY ON PRECAST PRODUCT AND THEIR PRODUCTIVITY

M Tech Dissertation Phase - II

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## **ABSTRACT**

The latest developments in material technology design procedures, quantity surveying, facilities management, services, and structural analysis and design, and management studies. Incorporating advanced construction technology into practice can increase levels of quality, efficiency, safety, sustainability and value for money. However, there is often a conflict between traditional industry methods and innovative new practices, and this is often blamed for the relatively slow rate of technology transfer within the industry.

The adoption of advanced construction technology requires appropriate design, commitment from the whole project team, suitable procurement strategies, good quality control, appropriate training and careful commissioning.

Most of the construction activities in India take place by conventional cast in situ method of construction. But still there is a huge demand for housing in India. So the construction activity has to take place in a much faster way. This cannot be achieved by conventional method of construction. It can be done possible with precast concrete of construction. Moreover there are more advantages of precast concrete when compared with conventional one. So various literatures are studied and a review of those all has been given in this paper. Also the advantages and disadvantages of precast construction are also discussed here.

Now a days conventional type of construction is fading up as compared to Precast construction. Precast concrete is a smart way to build any type of building, safely, affordably. It ensures fast construction time, high profitability and excellent quality. Precast concrete is an industrialized way to build. It means transfer of work from sites to factories. This improves productivity and quality and other precast construction time of a building. Inshort, precast concrete lowers total construction costs considerably. The deals with the study of Precast technology and its advantages over Conventional construction.