

Pre-Fabrication Technology and its Application - Bhartiya Scenario

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Abstract: *The article considers temporary methods of using prefabrication technology in construction. The advance world experience in the construction of prefabricated modular building is analysed. It is emphasized that modular construction has potential to shorten project design and engineering time, reduce costs and improve construction productivity. The installation of prefabricated building is cost efficient, safe and eco-friendly. Modern Prefabricated system is based on using not only large elements such as “block rooms” but various small 3D building elements. The analysis results of Russian development in the construction of prefabricated building proof that Russia have great experience in the development of 3D reinforced concrete modules and prefab structures. As the research results the article shows promise for developing of Modern Prefabrication construction System in order to provide the population with affordable, comfortable and Eco- friendly housing. The project describes the prospects and relevance of introducing modular prefabricated units not only in low rise but into multistoried and high- rise construction as well..*

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