

FACTOR AFFECTING LABOUR PRODUCTIVITY IN BUILDING CONSTRUCTION

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Abstract - Productivity plays an important role in the construction industry. Productivity is one of the most important issues in both developed and developing countries. Efficient management of construction resources can lead to higher productivity which can help to achieve cost and time saving. Construction is labour oriented industry. It heavily relies on the skills of its workforce. The labour is industry's most valuable asset. It is important to improve efficiency of production by improving productivity of labour. In the timeline of research regarding labour productivity there are many studies available in which the factors were identified from the managers perspectives. This project contains a set of questions to conduct a questionnaire survey. The questionnaires will be distributed to Project Manager, Project Engineer, Consultant, Contractor, etc. of various construction companies. Once the company's replies to the questionnaires, all the obtained information are sorted and analyzed. Based on the replies of each company necessary guidelines to improve labour productivity in construction are to be framed. Factors affecting labour productivity were analyzed using RII method. Measurement of labour productivity is done using work study method. RII method revealed top ten ranked factors which affect labour productivity. The data collection is done by work study method shows skilled labour as highly important factor affecting labour productivity.

Keywords – Work Study, Labour productivity, Relative important index

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