



AN EVALUATION OF PROJECT PORTFOLIO SELECTION TECHNIQUES IN I.T FIRMS

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ABSTRACT

In today's highly competitive business environment, it is a colossal and a continuous challenge to the companies in selecting the best-fit portfolios with right balance of I.T projects that increases the business value and minimize the I.T cost. The main purpose of this exploratory study is to evaluate and establish the application levels of the process frameworks which are used to select the best-fit portfolios and project selection methods which are used for the selection of right projects in I.T firms in the perspective of project portfolio management. This paper presents the study findings which were established based on the statistical data analysis using cumulative weighed average technique that was performed on the primary data. The primary data was collected through a pre-tested and well structured self-administered questionnaire. The results reveal that the application intensity of process frameworks and selection methods in IT firms are moderate. PMI-Project Portfolio Management Process is a most widely used process framework followed by in-house process frameworks and Return on Investment and Net Present Value are most widely used methods in I.T firms followed by Balanced Scorecard, Weighted Scoring Model, Payback Method and Check-List Model.

KEYWORDS: *Information Technology, Project Portfolio Management, Project Portfolio Process Frameworks, Project Selection Methods, Strategic Business Management.*