The proliferation of knowledge-based workforce in knowledge-based economy: Evidence from Malaysian High-Tech Industries

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***Abstract*—The aim of this study is to describe the proliferation of knowledge-based workers in the high-tech industries in Malaysia. A total of 1,000 firms representing production and manufacturing sectors of the country's knowledge-based economy were selected from the Federation of Malaysian Manufacturers' list by using the stratified random sampling technique. Self-administered questionnaires and self-addressed stamped envelopes were distributed to the respondents using postage mail. 120 questionnaires (12%) were returned and data entry was carried out using a statistical package and descriptive statistics was applied on four variables namely demographic, manpower requirements, technology and IT adoption, and training of the firms. The empirical result indicates the growing importance of knowledge-based workers to the emergence of k-economy sectors in Malaysia. Based on the findings, several recommendations being put forward at the end of the report.**

Keyword: Knowledge Workers, Knowledge Economy, SMIs,

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