

Impact of Intellectual Capital on the Performance of Higher Education Institutions

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Abstract

The purpose of this study is to evaluate the performance of Higher Education Institutions (HEIs) of India and examine the impact of intellectual capital and professional experiences on the performance of HEIs. In this study, Two-Stage DEA (DEA-Regression) has been used, and the Authors have collected the required data related to performance measures and determinants of efficiency from the National Institutional Ranking Framework (NIRF) web portal. In the first stage, data envelopment analysis method (Banker, Charnes, & Cooper, 1984) has been used to obtain the efficiency scores of thirty-four management institutions of India. Authors have used the output-oriented BCC (Banker et al., 1984) DEA model for the assessment of the efficiency of HEIs. Further, Tobit regression has been used to examine the impact of research publications/Highly cited research works, Professional experience of academic staff, etc. on the performance of these management institutions. The results of this study indicate that research publications and professional skills of academic staff are positively impacting the performance of management institutions. The findings of this study indicate the importance of intellectual capital/resources in educational institutions. These findings will also provide the direction for the benchmarking of the Management Institutions in India.

Keywords

DEA, Higher Education, Performance Evaluation, Intellectual Capital

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