# **Analyzing the Sustainability of Implementation of QMS Principles in Higher Educational Institutions (HEIs)**

## Dr. T R Veena, Manoj D Yadav and Subhash S R

Department of Industrial Engineering and Management Siddaganga Institute of Technology, Tumkur, India trveena@sit.ac.in, 1si18im017@sit.ac.in, 1si18im030@sit.ac.in

#### Abstract

The purpose of this study was to determine the impact of ISO implementation on higher education (HEI) performance as measured using review policy techniques and how sustainable is the implementation process. Primary data was obtained by distributing the questionnaire to selected universities in Karnataka. The independent variable of this study is the application of ISO principles, and the dependent variable is the university's outstanding achievements in terms of finance, customer perspective, internal business perspective, and learning and growth perspective and how sustainable it is. The results of data processing show that there is a positive impact on the application of ISO to educational institution performance from a financial perspective, a customer perspective, an internal business perspective, and a learning and growth perspective increase. Based on these results, the authors suggest that institutions apply ISO principles in managing their institutions to improve their performance and have a sustainable process.

### **Keywords**

ISO, Quality Management System (QMS) Principles, Higher Educational Institutions, Sustainability.

## **Biographies**

**Dr. T.R. Veena** is working as an Assistant Professor in Department of Industrial Engineering and Management, Siddaganga Institute of Technology, BH Road, Tumakuru-572103. She has been working in the department since 2000. She currently has pursued her PhD in area of quality management system. Her areas of interest are lean, Six Sigma, ISO 9001:2015 QMS, simulation modelling and analysis. She is a certified Lean Six Sigma Black Guide; Certified Lean Guide and Lean Practitioner from Bench-marking. Completed 40 Hours of PMP certified course from Annexes Europe. She is certified Lead auditor for ISO 9001:2015 QMS and ISO 14001:2015 EMS.

**Manoj D Yadav**, student of Industrial Engineering and Management, Siddaganga Institute of Technology, BH Road, Tumakuru – 572103. His areas of interest are ISO 9001:2015, QMS, TQM.

**Subhash S R,** student of Industrial Engineering and Management, Siddaganga Institute of Technology, BH Road, Tumakuru – 572103. His areas of interest are ISO 9001:2015, QMS, TQM.