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## **IMPLEMENTATION OF ENTERPRISE RESOURCE PLANNING (ERP) SYSTEM IN THE MANUFACTURING INDUSTRY**

### **ABSTRACT**

*If implemented successfully, an enterprise resource planning system can provide the adoption firm with incredible strategic, operational, and related knowledge advantages. Failed implementation often can result in financial disasters. Today, much of the information on setbacks and achievements is focused on implementation reports of major production and service organizations. Yet suppliers of company resource planning now continue to change their marketing strategy for small and medium-sized producers. The time has come for researchers to gather, evaluate and disseminate knowledge that will help these businesses efficiently execute their projects. This research adopts a case study approach to investigate the implementation process in companies in the manufacturing industry, especially small and medium-sized firms. This research focuses on implementing activities which drive effective deployment and is developed using information obtained from field studies. Pathways are also highly recommended for future research.*

**Keywords:** *Enterprise Resource Planning, implementation, manufacturing industry*

### **REFERENCES**

- Appleton, E.L. (1997), "How to survive ERP", *Datamation*, Vol. 43 No. 3, pp. 50-3.
- Bicknell, D. (1998), "SAP to fight drug firm's \$500M suit over R/3 collapse", *Computer Weekly*, September 3, p. 3.
- Boudette, N.E. (1999), "Scrambles to stem big glitches: software giant to tighten its watch after snafus at Whirlpool Hershey", *Wall Street Journal*, November 5, pp. A25-6.
- Davenport, T.H. (1998), "Putting the enterprise into the enterprise system", *Harvard Business Review*, Vol. 8 No. 25, pp. 121-31.

- Escalle, C.X., Cotteleer, M.J. and Austin, R.D. (1999), *Enterprise Resource Planning (ERP): Technology Note*, February 1999, Harvard Business School Publishing, Boston, MA.
- Hicks, D.A. and Stecke, K.E. (1995), "The ERP maze: enterprise resource planning and other production and inventory control software", *IIE Solutions*, Vol. 27 No. 8, pp. 12-16.
- Khaparde, V. M. (2012). Barriers of ERP While Implementing ERP: a Literature Review. *Journal of Mechanical and Civil Engineering* , 49-50.
- Mallikarjuna, S. A. (2016). Implementation of Enterprise Resource Planning (ERP) Systems in the Construction Industry. *International Journal of Construction Education and Research*, 3-4.
- Michel, R. (1997), "The quicker the better", *Manufacturing Systems*, September, pp. 26A-8A.
- Orlicky, J. (1975), *Material Requirements Planning*, McGraw-Hill, New York, NY.
- Schaaf, D. (1999), "Where ERP leads, training follows", *Training*, Vol. 36 No. 5, pp. ET14-ET18.
- Seo, G. (2013). Challenges in Implementing Enterprise Resource Planning (ERP). 53.
- Shamsudin, M. I. (2008). The Effectiveness of ERP Implementation in Manufacturing Industries. 1-6.
- Shaul, L., & Tauber, D. (2012). CSFs along ERP life-cycle in SMEs: a field study. *Industrial Management & Data Systems*.
- Solution, P. C. (2014). The 2014 Manufacturing ERP Report . 8-10.
- Wight, O.W. (1984), *Manufacturing Resource Planning: MRP II*, Oliver Wight Publications Ltd, Brattleboro, VT.