

ENTERPRISE RESOURCE PLANNING, By Mahadeo Jaiswal, Ganesh Vanapalli (2013), Macmillan Publishers India Ltd., Gurgaon (Haryana), pp 365, ISBN 1403-92745-6., INR 325.

ERP has become necessity of the state of art. It offers wide organizational planning and supports strategic decision making also. There are ample of books available on ERP, its requirement as well as implementation. This book review is on Enterprise Resource Planning. Author introduces through knowledge about Enterprise Resource Planning and the multiple techniques required for effective ERP operations which is strength of the book. Each chapter of the book follows a narrative format and therefore, the strength, criticism and application of approaches and concept are dealt with assortment of practical experience. After reading this book thoroughly a novice user can very well understand the processing as well as requirement of various ERP concepts with its benefits and precautions.

The book is available internationally and has been designed to meet the requirement of ERP. It is beneficial for enterprise systems courses offered by business as well as engineering schools. There are twelve chapters in this book and authors have tried to explore ERP extensively from basics to evolution as well as selection of ERP solutions, issues related with implementation, sizing of infrastructure, business benefits, ERP enabled BPR and change management. In addition to this recent advancement in enterprise systems has also been highlighted in this book. The emphasis has been given on best practices in ERP implementation by giving example of many world-class companies like TISCO(Tata Iron and Steel Company), BPCL(Bharat Petroleum corporation Ltd.) , HLL(Hindustan Lever Limited) , M&M (Mahindra & Mahindra) to name a few.

This book contains a host of pedagogical features to make learning more successful. Authors have presented articulated skeleton towards ERP and gradually and systematically introduced essential concepts and techniques for the significant topics. The inclusion of advanced concepts makes this book more significant. This book covers maximum topics related with the ERP and provides comprehensive and state-of-the-art introduction towards the ERP technological concepts. Each chapter of the book follows a narrative format and therefore, the strength, criticism and application of approaches and concept are dealt with assortment of practical experience. Some of the topics have been mentioned with short introduction. This book introduces thorough knowledge about Enterprise Resource Planning and the multiple

techniques required for effective ERP operations which is strength of the book. After reading this book thoroughly a novice user can very well understand the processing as well as requirement of various ERP concepts with its benefits and precautions. At the beginning of every chapter learning objectives have been specified in precise manner and at the end of chapters authors have acknowledged references also. Furthermore, authors have discussed many live cases of well known companies to enhance the reader's ability towards actual understanding as well as implementation of ERP.

In the **first chapter** basic of ERP has been introduced by mentioning few important concepts like adoption of ERP model, key reasons for successful implementation as well as critical success factors. **Second chapter** is throwing light on business case for ERP-ES systems by specifying ERP project life cycle, need to adopt best global business practices, processes and IT infrastructure, different categories of analysis like competitive environment, strategic need, feasibility as well as Gap analysis in the usage of ERP for manufacturing planning etc.

Client-Server Computing architecture of ERP-ES (Enterprise Resources Planning-Enterprise System) as well as business process evolution, organizational structure and IT architecture have been discussed in **third chapter**. **Fourth chapter** illustrates comparative analysis of ERP software.

Fifth chapter depicts about Procedures as well as Evaluation of ERP solutions like technical, strategic and system evaluation etc. **Sixth chapter** highlights information about ERP Enabled Business Process Re-engineering with basics of BPR in context to ERP, Five stage model of AS-IS/TO-BE analysis by elucidating real business case examples.

Seventh chapter enlightens on ERP-ES enabled best business practices through lean manufacturing case study based on Mahindra & Mahindra company from assembly layout to cellular layout with introductory steps used to solve problems, VMI (vendor-managed inventory), CBM (condition-based Maintenance) and competency skill-based performance appraisal etc.

Eighth chapter is giving details about ERP Implementation project management with various issues involved in it.

Ninth chapter draws attention towards managing integration of Best-of-Breed ES solution by stating system integration needs, planning, layers, standards and its derived values, multiple examples, comparison between single Vs Best-of-Breed solution and the rest. **Tenth chapter** is related with business benefits of ERP-ES (Enterprise Resources Planning-Enterprise System), its various types, benefits realized in global as well as Indian experience and case studies based on it.

Eleventh chapter is about how to manage ERP-ES enabled changes with different strategies and transformation of IT functions and a case based on ENTRANS at Bharat Petroleum Corporation Ltd. **Twelfth chapter** incorporates IT infrastructure planning and methodology for ERP-ES by mentioning system architecture, hardware, software, relational database, communication network resource planning, IT system management policy, data management software tools and so forth.

ERP plays crucial role in today's business environment. This book covers maximum topics related with the ERP and provides comprehensive and state-of-the-art introduction towards the ERP technological concepts. Some of the topics have been mentioned with short introduction. This book introduces through knowledge about Enterprise Resource Planning and the multiple techniques required for effective ERP operations which is strength of the book. This book is useful for undergraduate students, postgraduate students, Trainee managers and can serve as a basic reference for college courses as well as professionals and readers for the learning purpose and to increase their knowledge about latest ERP technological concepts.

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