# Foreword

Information Technology (IT) is being widely used at the different levels in healthcare organizations. IT now encompasses new tools and healthcare services that are delivered or enhanced through the Internet and other advanced networking technologies and speech recognition tools. All the technological developments in the field of health informatics have been made in providing well functioning systems to healthcare organizations to improve healthcare services. Since last several years, a lot of attention has been focused on the tools, techniques and methods towards the development of health informatics and electronics healthcare systems. In my opinion this book is another attempt to fill the gap that still exists. This book is divided in five major sections with having total 30 chapters. These chapters discuss the range of topics covering Evaluation, Tools and Technologies, Applications and Impact on health informatics and electronics healthcare systems. This book is the combination of academic and practitioners of the authors, to assist the healthcare organizations to get advance benefits from both perspectives. The academics have tried to provide the evaluation, impact and application of health informatics. On other hand the practitioners have attempt to provide the insight of new tools and technologies that are being used for the provision of better healthcare services. Therefore, this book provides an advance understanding of health informatics in the global perspective. It will help to understand the process for the adoption and usage of health informatics to the decision makers while taking the decision for the adoption of health informatics in their countries.

*Angappa Gunasekaran*
*University of Massachusetts, USA*

**Angappa Gunasekaran** *is a professor of management in the Charlton College of Business at the University of Massachusetts (North Dartmouth, USA). Previously, he has held academic positions in Canada, India, Finland, Australia, and Great Britain. He has a BE and ME from the University of Madras and a PhD from the Indian Institute of Technology. He teaches and conducts research in operations management and information systems. He serves on the editorial board of 20 journals and edits a journal. He has published about 160 articles in journals, 60 articles in conference proceedings, and two edited books. In addition, he has organized several conferences in the emerging areas of operations management and information systems. He has extensive editorial experience that includes serving as guest editor of many high profile journals. He has received outstanding paper and excellence in teaching awards. His current areas of research include supply chain management, enterprise resource planning, e-commerce, and benchmarking.*