Adoption, assimilation, and institutionalisation of new and advanced technologies, as well as technology-based services in contemporary organisations are key to innovation, competitive advantage, and globalisation. Technology adoption and implementation is a well-planned, step-by-step process, addressing issues of technology, management, organisation structures, people, theories, enterprise architectures, and performance evaluation. Too much emphasis on technology alone results in misaligned technology and strategy leading to organisations having to incur additional costs for institutionalisation of technology. As a consequence they are not able to achieve the anticipated benefits and returns on investment. An all-encompassing approach to technology adoption, assimilation, and institutionalisation is required for harnessing the power of breakthrough technology in small, medium, and in large organisations.

Dr. Abrar Haider has researched and widely published on the topic of adoption, assimilation, and institutionalisation of new and evolving technologies in organisations. In this book, Dr. Haider very effectively combines a complex set of technology assimilation and institutionalisation topics relevant to organisations of all sizes operating in different regions of the world.

This book entails research-based evidence, case studies, and implications of research on technologies in organisations. It provides an excellent applied perspective for technology managers and researchers to understand and address issues relating to theory, adoption of new technologies, such as the “cloud,” mobile and personal information systems, institutionalisation of technology-based services, such as e-government and business intelligence, and emergent areas of automation, such as courts of law and infrastructure condition monitoring. This book also highlights issues related with technology adoption, assimilation, and institutionalisation, such as IT skill requirements, security, as well outcomes of technology adoption, such as telework.

Dr. Haider provides in this book an intelligible and synthesised set of chapters from scholars around the world, making it a must-read scholarly publication. It is a high-quality learning and reference resource on technology adoption, assimilation, and institutionalisation.

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