IT Management

IT Management is a discipline concerning how IT resources of an organization are managed to achieve organization objectives. The contribution of IT Management research is considered to be extremely important in analyzing how organizations are generating value and could achieve competitive advantage through the use of IT. In this perspective our research in IT management has focused on Business-IT Alignment, IT Governance, IT Outsourcing and IT project Interdependencies.

Generating value and achieving competitive advantage through the use of IT

IT management is considered an important research area not only by different scholars but also by IT and business practitioners. The research in this area is performed by the IT Management group. Examples of research done in IT Management area are presented below.

Business-IT Alignment is still a top management concern and there are many challenges that remain to be researched. One challenge on which our research has focused and which has not been explored sufficiently is the relationships between informal organizational structure and business-IT alignment.

IT Governance. A few research has been done till now to study the relationships between organizational culture and structure and IT governance. In this direction our research has focused to study the influence of organizational culture and structure on IT governance performance.

IT Outsourcing. The decision process for the organizations and especially for the large organizations to outsource IT or not is a substantial business change. In this direction our research has looked to the development of a method that can be used for assessing the risk exposure in support of IT outsourcing decisions and also on the study of the main important factors in IT outsourcing relationships and the success factors in IT outsourcing in large companies.

IT Project Interdependencies. To understand the importance of having projects dependent upon one another has become a strategic imperative to many project portfolios in various industries, particularly in the IT/IS context. The interdependency of projects within a portfolio is needed to amplify the benefits from investing in projects, thus increase the productivity of the portfolio as a whole. One key aspect of this ground is that projects are no longer conducted as independent entities but rather are permeable and more open to each other. Although, it is widely perceived that project interdependencies can maximize the impact of projects to the overall success of the portfolio, they pose challenges for the manageability of the portfolio and the projects comprising it.

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Please consult the web link for contact information.

Ongoing research projects

The Influence of Organizational Culture and Structure on IT Governance

Informal Organizational Structure and Business-IT Alignment Relationships

On the Viability of IT Project Portfolios: A Study of Diagnosing and Handling the IT Project Interdependencies

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