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STUDY AND RECOMMENDATION ON THE ROLE OF INFORMATION TECHNOLOGY IN THE EFFECTIVE IMPLEMENTATION OF E-GOVERNANCE PROGRAMS

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ABSTRACT

*Innovation and the growth of consumer-centric communication and digitized service delivery involve continued investment in the latest technology. And public sector agencies, like any other large enterprise, are expected to deliver programs with minimal human intervention to corporations, other partner public entities and to the citizens. And unlike an organized and tightly controlled private enterprise, due to many factors, government organizations frequently fail to deliver as expected. A detailed systematic review of existing research work has helped to identify key factors that define the role of IT in effectively implementing G2G, G2B and G2C services. This research illustrates the need and strategies for public sector standardization of the information technology environment. The main guidelines are presented based on the context of enterprise architecture and how standardization will gain control over the potential return on investment in technology. The study also opens the doors to further proposals for research and standardization in the Indian public sector, as the recent adoption of enterprise architecture framework for government initiatives matures further. **General Terms:** Enterprise Architecture Implementation Capability, Standardization of the Use of Information Technology in Indian Public Sector*



KEYWORDS: *Enterprise Architecture, EA Implementation Capability, Connected Governments, e-Governance, Information Technology, Business Value, Digitalization, Innovation, Indian Public Sector, IndEA.*

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