

Fuzzy Modeling Technique: A Case of e-Government System

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Abstract:

E-Government is a tool and technologies for the use of information and communication to improve and development of government activities and their transformation. The e-government system is new in Nepal and its proper implementation for the people has become a challenging task for the government. The notion of "*Fuzzy logic*" is an approach to computing based on "degrees of truth" rather than the usual "true or false" (1 or 0) Boolean logic on which the modern computer is based. The idea of fuzzy logic was first advanced by **Lotfi Zadeh** in the 1960s. In the recent scientific developments, the fuzzy modeling has been found to be one of the suitable tools to model a system with flexibility and for providing a better implementation. The purpose of this presentation is to briefly discuss the use of this technique to verify some parameters influencing e-government system in Nepal and its proper consideration.