# Agile Methods Adoption in Large Software Development Projects

**Dr. Alok Mishra**

*Professor,*
*Department of Software Engineering,*
*Atilim University, Ankara - Turkey*
*http://www.atilim.edu.tr/~amishra/*
*Email: alok@atilim.edu.tr*

The Agile Software Development paradigm has become increasingly popular in the last few years, since it claims lower costs, better productivity, better quality and better business satisfaction. In large software development projects due to its scope, uncertainty, complex and unstable requirements, it is not possible to develop it with predictable software development process models. Agile methodologies are becoming popular toward such kinds of projects that involve change and uncertainty, and are adaptive rather than predictive. How an agile process is introduced will significantly impact the implementation success of the process change. The objective of this talk is to analyze different agile development methodologies, quality assurance and management approach used in developing a large software project and how to overcome risks and barriers in large software development projects.