# **Manage IT!**

# In Software Engineering Perspective

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## PREFACE

This book was motivated by the desire we and others have had to further the evolution of the core course in Software Engineering. This book developed from notes from online citation. The goal is to give beginning Software Engineering majors a solid foundation for further study in Software Engineering. However, Software Engineering is becoming increasingly important in a much wider range of scientific and engineering disciplines. Therefore, a goal is to give those students who will not take advanced courses in concepts of Software Engineering by the module tools that the field provides. Finally, a more pervasive goal is to expose all students not only to practical concepts but also to the intellectually rich foundations of the field.

We have tried to integrate effectively the information technology foundations with the Software Engineering propagation modules, techniques, in Software Engineering. We thus hope to provide a better feel for the soul of Software Engineering than might be found in a theoretical course subspecialty. We believe that, as time goes on, all scientists and engineers will take a foundational course similar to the one offered at Stanford upon which this book is based. Such a study in Software Engineering should become as standard...

> Dr. K. Mahalakshmi Udayakumar Allimuthu

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The blessings of *Shirdi Sai* are the sole energy and life giving to all my activities

Dr. K. Mahalakshmi

This book is dedicated to

Late Thiru K S Subramaniyam Late Mrs. Padma Subramaniyam Late Mrs. K. Vijayalakshmi And Late Mrs. S Indrarani

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