

SOFTWARE PROJECT MANAGEMENT

Dr. Lilly Beulah H.
(Professor & Head – CSE Dept.)
**Mahendra College of Engineering,
Salem, Tamil Nadu, INDIA.**

Mrs. Latha P.S.
(Assistant Professor – CSE Dept.)
**Mahendra College of Engineering,
Salem, Tamil Nadu, INDIA.**

Mrs. Shanmuga Priya P.
(Assistant Professor – IT Dept.)
**Mahendra College of Engineering,
Salem, Tamil Nadu, INDIA.**

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Thirumigu. M.G. BHARATHKUMAR
Founder & Chairman, Mahendra Educational Trust

Forward

"Computing in their capacity as a tool, computers will be but a ripple on the surface of our culture. In their capacity as intellectual challenge, they are without precedent in the cultural history of mankind".

-Edsger Dijkstra, 1972 Turing Award Lecture

Computer Science as an academic discipline has evolved to embrace a set of intellectual challenges on a par with other sciences. This fact, combined with the undeniable impact of computer science on the modern world, demands an introductory college text book comparable with commonly-used textbooks in physics, chemistry, or biology. Accordingly, this book is intended to meet the need for an introductory college text in computer science. The distinctive feature of the book is that it has broader coverage of the field than is found in many texts that are currently in use.

I am delighted to note that the HOD of Computer Science and Engineering of Mahendra College of Engineering, Dr. H Lilly Beulah along with her faculty members Mrs. Latha P S And Mrs. Shanmuga Priya P have written this book on "Software Project Management" nicely, for the benefit of student community. They have accomplished this goal, and I trust their work will encourage and enlighten all who have an interest in computers, computer science and the growing role on information and computer technology in the modern world.

M.G. BHARATHKUMAR

Founder & Chairman, Mahendra Educational Trust

**Dedicated
To
Our Family, Friends &
Students**

P R E F A C E

The Project Management Institute defines project management as:

“The applications of knowledge, skills, tools and techniques to project activities in order to meet or exceed stakeholders needs and expectations from a project.”

Software project management focuses on techniques for managing software engineering (SE) projects, and builds on core software engineering concepts.

This course provides an understanding of both theoretical and methodological issues involved in modern software engineering project management and focuses strongly on practical techniques. The scale and complexity of the software systems now being developed demands that software engineers work in multi-functional teams and that they adopt scalable and robust methodologies and tools. As a student of business and creative computing, you need to develop the transferable skills in logical analysis, communication and project management necessary for working within team-based, professional environments. This book unravels some of the most important terminologies and questions relating to project management.

We are extremely happy to come out with this book, **“SOFTWARE PROJECT MANAGEMENT”** for our dear students. We have divided the subject into five small chapters for better understanding and smooth preparation for the exam.

Hope this book makes your learning more interesting and rewarding.

 Dr. H. Lilly Beaulah

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✍ Dr. H Lilly Beaulah

✍ Mrs. Latha P S

✍ Mrs. Shanmuga Priya P

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