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# Embedded and Real Time Systems

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# Preface

This book is made to cater specially to the need for students of Electronics and Communication Engineering Department.

The materials inside the book written are simple to understand for the readers not only in terms of covering the syllabus, but also for the better reference that leads to create ideas in doing real time projects.

First Unit of this book discusses the introduction of Embedded Computing and ARM Processers. Second unit explains about the Design Platform of Embedded Systems. Third unit illustrates the Types of Processes and Operating System. Fourth unit proposes the Networks and System Design Techniques. Fifth unit covers the Case Study for Real time systems in a detailed manner.

The overview, short questions and answers for all units are discussed in an eloquent manner. Therefore, it is hoped that the contents of this book will definitely attract the engineering students in the right way for their academic need in the field of embedded and real time systems.

Suggestions are also welcome for the improvement of this book in the future revisions.

**July, 2017**

**Dr. R. Kanthavel**
**Dr. R. Dhaya**

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