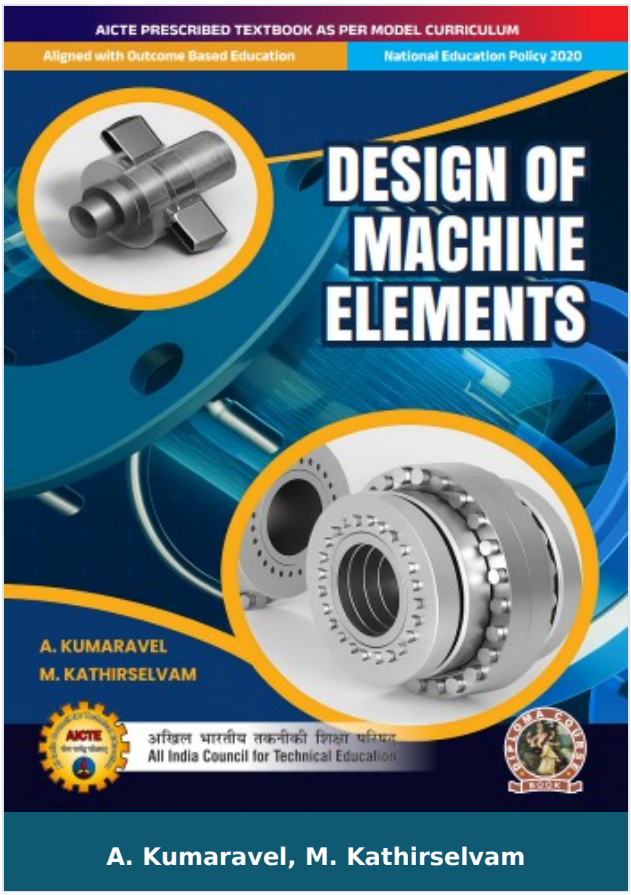


A. Kumaravel, M. Kathirselvam

Design of Machine Elements

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Product Description

Design of Machine Elements

This book fives detailed description about introduction to design, simple machine part design, antifriction bearings, shafts, keys, couplings and spur Gears, Power screws springs, fasteners, ergonomics & aesthetic consideration in design. Logical organization and a wide variety of problems with their step-by-step solutions makes this book a perfect offering on the subject.

Salient Features

- Content of the book aligned with the mapping if course Outcomes (Cos), programs Outcomes (Pos) and Unit Outcomes (UOs).
- In the beginning of each unit outcomes are listed to makes the student understand what is expected out of him/her after completion that unit.
- Book provides lots of recent information, interesting facts, OR codes for E-resources, etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures and tables are inserted to improve clarity of the topics.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- step-by-step solutions are provided for solved problems, including numerical examples.

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