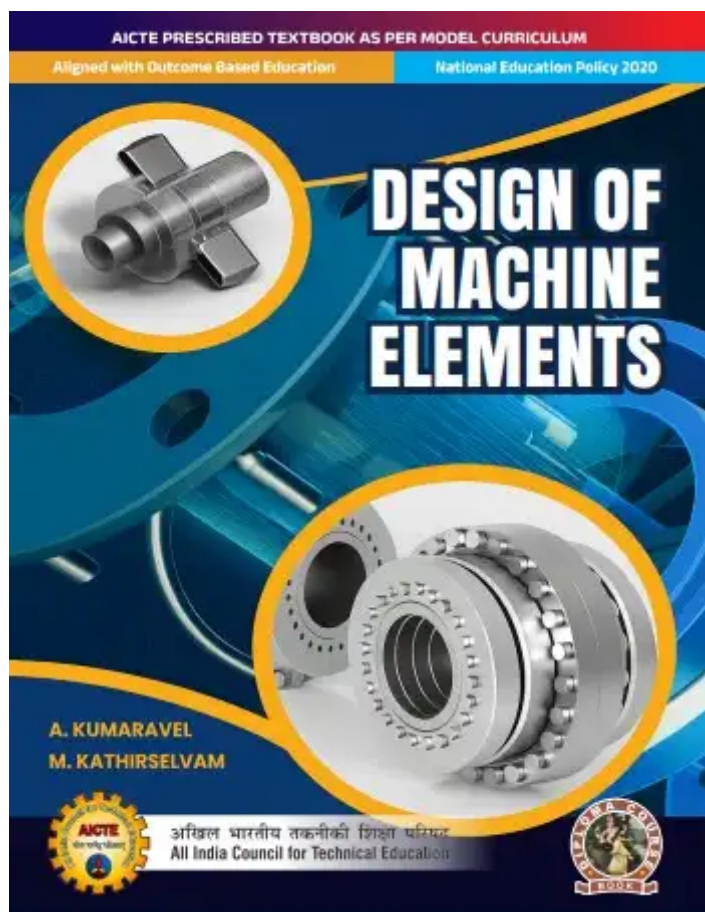




Design of Machine Elements

Author :	A. Kumaravel
ISBN 13 :	978-93-55388-51-3
ISBN 10 :	93-55388-51-9
E-ISBN 13 :	978-93-55388-51-3
Edition :	First
Pages :	320
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

Design of Machine Elements This book gives 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 of course Outcomes (Cos), programs Outcomes (Pos) and Unit Outcomes (UOs).
- In the beginning of each unit outcomes are listed to make the student understand what is expected out of him/her after completion of that unit.
- Book provides lots of recent information, interesting facts, QR 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.

Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines for Teachers Guidelines for Students Abbreviations and Symbols List of Figures List of Tables

- Introduction of design
- Design of simple machine parts & antifriction bearings
- Design of shafts, keys, couplings and spur gears
- Design of power screws and springs
- Design of Fasteners and Ergonomic Considerations

Appendix CO And PO Attainment Table Index



Author

Dr. A. Kumaravel Professor Department of Mechanical Engineering K.S.Rangasamy College of Technology **Dr. M. Kathirselvam** Associate Professor Department of Mechanical Engineering K.S.Rangasamy College of Technology



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320