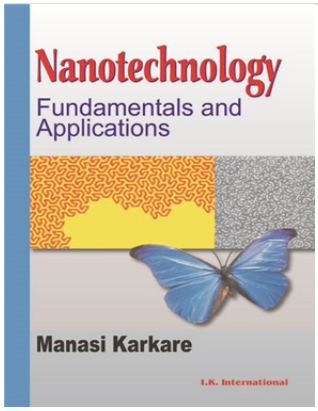
Book Information Sheet



Nanotechnology, 1/e

Manasi Karkare

2008 | 252 pp | Paperback | ISBN: 9788189866990 | Price: 395.00

About the Book

Potential of Nanotechnology is immense and encompasses virtually every field of life. Technologists and researchers all across the globe have realized this and call it the Technology of the Future. The book is intended to develop interest amongst students of all branches of Engineering and incumbent researchers so that they get to know fundamentals of the subject. The books deals with all the aspects of nanotechnology and its fundamentals and applications, i.e. Nanotechnology, tools and techniques, nanomaterials, nanocomputers, nanocomposites, risks related with the use of nanotechnology and its relation with the environment. Applications of nanotechnology in textiles, solar power, electronics, space explorations and in communication find a reasonable place in the book.

Salient Features

Salient Features:

- Deals with all the aspects of nanotechnology and its fundamentals and applications.
- Applications of nanotechnology in textiles, solar power, electronics, space exploration and in communication is well explained in the book.
- Has a dedicated review of the current research areas in the field.

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- Index Readership: Nanotechnology and its fundamentals and applications, i.e. Nanotechnology, Tools and techniques, Nanomaterials, Nanocomputers, Nanocomposites

About the Author

Manasi Karkare :- **Manasi Karkare** is Associate Professor presently working as Dean-First Year Engineering at SIES Graduate School of Technology, Nerul, Navi-Mumbai. She is a Gold Medalist Physics researcher and has completed 2 Research Projects in the field of Nanomaterials funded by University of Mumbai. She has published 10 Research papers in International Journals of Repute. She has also authored books entitled *Nanotechnology: Fundamentals and Applications and Applied Physics-II.*