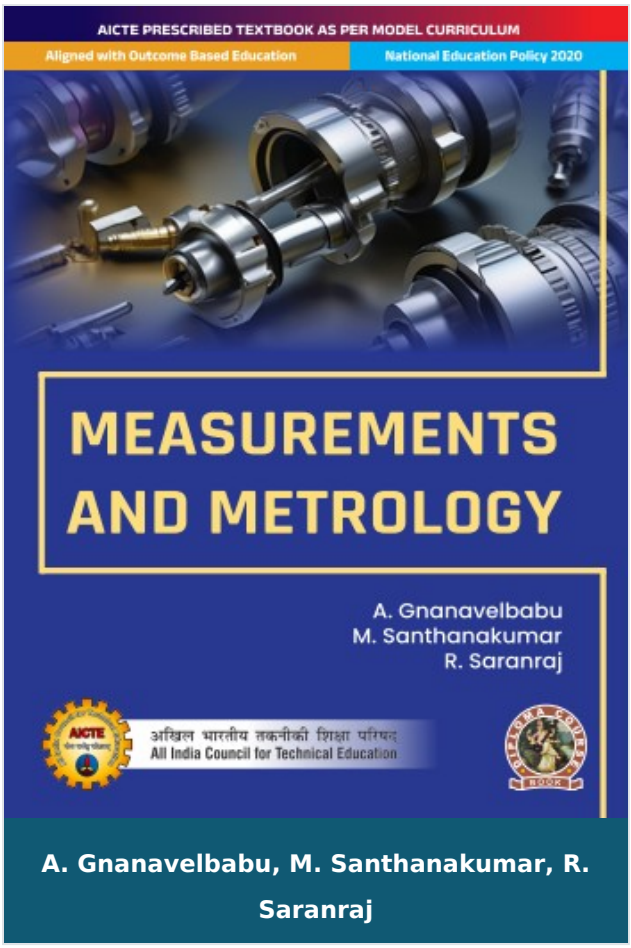

A. Gnanavelbabu, M. Santhanakumar, R. Saranraj

Measurements and Metrology

Author :	A. Gnanavelbabu, M. Santhanakumar, R. Saranraj
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Measurements and Metrology

This book familiarizes students with the critical domains of Measurements and Metrology. It provides a comprehensive understanding of basic science for engineering students. Covering the fundamentals of measurements and metrology, and enables them to gain insight into the subject. The book covers essential topics such as dimensional measurements, calibration techniques, mechanical measurement system, and various metrology tools and their applications in engineering problems. The primary content of this book aligns with the model curriculum of AICTE and fellow the outcomes-based education concepts as per the National Education Policy (NEP)2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
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Author

A. Gnanavelbabu

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

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

Dr. A. Gnanavelbabu Professor Department of Industrial Engineering College of Engineering Guindy Anna University, Chennai – 600025, Tamilnadu, India Dr.

M. Santhanakumar

Dr. M. Santhanakumar Assistant Professor Department of Industrial Engineering College of Engineering Guindy, Anna University, Chennai – 600025, Tamilnadu, India Mr.

R. Saranraj

Mr. R. Saranraj Teaching Fellow Department of Industrial Engineering College of Engineering Guindy Anna University, Chennai – 600025, Tamilnadu, India

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