



Emerging Nanotechnologies for Manufacturing, Second Edition (Micro and Nano Technologies)

By Waqar Ahmed, Mark J Jackson



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In the second edition of *Emerging Nanotechnologies for Manufacturing*, an unrivalled team of international experts explores existing and emerging nanotechnologies as they transform large-scale manufacturing contexts in key sectors such as medicine, advanced materials, energy, and electronics. From their different perspectives, the contributors explore technologies and techniques as well as applications and how they transform those sectors.

With updated chapters and expanded coverage, the new edition of *Emerging Nanotechnologies for Manufacturing* reflects the latest developments in nanotechnologies for manufacturing and covers additional nanotechnologies applied in the medical fields, such as drug delivery systems. New chapters on graphene and smart precursors for novel nanomaterials are also added.

This important and in-depth guide will benefit a broad readership, from R&D scientists and engineers to venture capitalists.

- Covers nanotechnology for manufacturing techniques and applications across a variety of industries
- Explores the latest developments such as nanosuspensions and nanocarriers in drug delivery systems, graphene applications, and usage of smart precursors to develop nanomaterials
- Proven reference guide written by leading experts in the field



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About the Author

Professor of Nanotechnology at the University of Central Lancashire, UK. His research interests include the synthesis of nanomaterials and nanoparticles and their applications in medicine, dentistry and energy applications

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