

Green methods and sustainable materials

Green methods focuses on designing and development of materials that minimize the generation or use of hazardous substances. The area has gained much attention and significance because of increasing environmental concerns. Every material in our life carries an embedded energetic and environmental footprint, determined in large part by its design, component materials, manufacture, and reuse. The knowledge regarding these sustainable materials is fundamental to fabricate quality products and process design. To synthesize materials that use benign rather than toxic compounds, easier to undertake, lesser energy and time consuming, with reusable reagents, will contribute to the economic feasibility of new green materials over the full life cycle of products. The book discusses the scope of practically useful materials via scientific discovery and engineering development with an eye towards commercial implementation.



Dr. P. Nikhil Chandra, Assistant Professor of Chemistry, Sree Narayana College, Kollam, Kerala, 691001 India

Dr. Mothi Krishna Mohan, Assistant Professor of Chemistry, Kerala Department of Sciences and Humanities, Christ University Faculty of Engineering, Bangalore, Karnataka, 560074 India



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P. Nikhil Chandra
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sustainable materials**

An application perspective

Chandra, K. Mohan

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