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## Industrial Biotechnology

By Varun Shastri

2006. Hardcover. Book Condition: New. 292 Industrial biotechnology can be defined as the use of modern biological life sciences in process of industries. For example, industrial biotechnology has applications in a number of markets that affect our daily lives: in chemicals; in food processing; and in textiles just to name a few. Additionally, industrial biotechnology may not only help with better processing of materials, but it may also play an important role on reducing emissions and increasing efficiencies in the manufacturing process. Industrial biotechnology is transforming many of the worlds industrial operations. The promise of industrial biotechnology has always been to reduce or replace the use of fossil energy and hydrocarbon-based materials with renewable, plant-based resources and naturally occurring microbes to produce more cost-effective and environmental-friendly materials for textiles, fuels, chemicals, pollution prevention and even human pharmaceuticals. Designed for students and practitioners of biotechnology and related fields, this book describes the potential applications of biotechnology in the industrial sector. This unique and up-to-date resource offering readers an innovative and valuable presentation of the subject. About The Author:- Varun Shastri, a renowned teacher of science, has had a brilliant academic record. He has over three decades of professional standing. He has...



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