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Industrial Biotech Books - Biotech - Biotechnology in Non Aligned and Other Developing Countries Current Status and Future Prospects (Hardback)

By Nam St Centre

Astral International, India, 2014. Hardback. Book Condition: New. 256 x 134 mm. Language: English . Brand New Book ***** Print on Demand *****. Industrial biotechnology involves the application of biotechnology-based tools to traditional industrial processes and the manufacturing of bio-based products in sectors such as chemicals, food and feed, detergents, paper and pulp, textiles, materials and bio-energy from renewable raw materials. The evolution of our ability to manipulate microbial genomes has revolutionized the field of biotechnology and has helped develop new bio-based processes that reduce environmental impacts while improving efficiency in numerous industrial sectors. Industrial biotechnology can help industries become more environmentally sustainable and allows them to develop new manufacturing processes and technologies that are cleaner and more energy efficient. The benefits of Industrial Biotechnology are not fully exploited in developing countries due to the lack of advanced skills, modern and innovative research and technology and the new world trade regime. Therefore efforts should be well organised to make use of the enzymes and micro-organisms for producing bio-based products in various sectors in order to support one of the most promising and innovative approaches towards lowering greenhouse gas emissions. This publication is a follow up of the First International Winter School on Industrial Biotechnology...

Reviews

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