DESCRIPTION

In today’s world, bioplastics are becoming increasingly prominent owing mainly to scarcity of oil, increase in the cost of petroleum-based commodities, and growing environmental concerns with the dumping of non-biodegradable plastics in landfills. This book summarizes the field of bioplastics by illustrating how they form a unique class of research area that integrates pure and applied sciences such as chemistry, engineering and materials science, to initiate solutions. Compelling science demystics this complex and often ambiguous branch of study for benefit of all those concerned with bioplastics.

ABOUT THE AUTHOR

Srikanth Pilla is a Research Manager in the BIONATES theme at the Wisconsin Institute for Discovery, University of Wisconsin-Madison. Prior to this, he was a Materials & Process Design Scientist at SuGanit Biorenewables LLC, Toledo, OH. Dr. Pilla received postdoctoral training from Stanford University and his PhD from University of Wisconsin-Milwaukee. He has published more than 50 technical papers, a textbook, and an edited volume. Additionally, he co-invented a home cleaning product (patent pending). He is a reviewer for more than 17 journals and currently serves on several SAE International technical committees. He has organized and chaired several conference sessions including SAE World Congress. Dr. Pilla currently serves as an Associate Editor for SAE International Journal of Materials and Manufacturing.
To purchase this product, please visit https://www.wiley.com/en-us/9780470626078