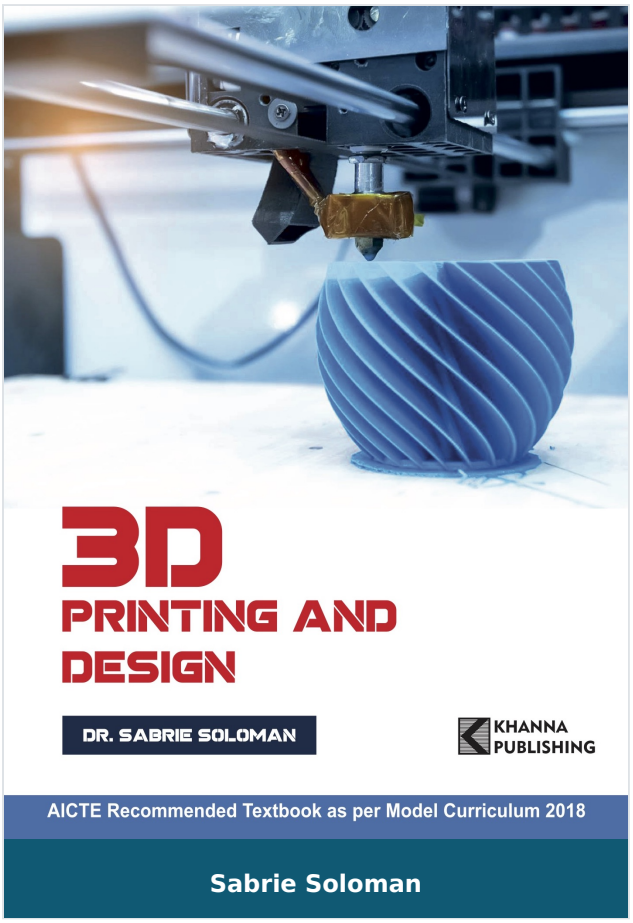


3D Printing & Design

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Product Description

This book provides a detailed guide to various 3D printing technologies, explaining their operational principles, similarities, and differences. It offers practical insights into optimal implementation methods, making it an invaluable resource for school students, university undergraduates, and postgraduates. Readers will gain both foundational knowledge and hands-on inspiration to explore their creativity by designing and printing their own innovative models. In addition, educators and professionals will find the content highly relevant, enabling them to effectively apply and advance 3D printing technologies within their institutions or organizations.

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Introduction to Electromechanical Engineering, Modern Welding Technology, to name a few. Dr. Soloman holds numerous Patents, Technical Awards, and several US Product Registrations. He is a Fellow of the Society of Manufacturing Engineers. USA. The Royal Society of Manufacturing Engineers (England), and L'Ores Des Ingenieurs Du Quebec (Canada), He received several awards from the American Society of Mechanical Engineers (ASME), the Society of Manufacturing Engineers (SME), and the American Management Association (AMA). Dr. Soloman is considered an international authority on advanced manufacturing technology, robotics, biomedical engineering, pharmaceuticals, and automation in the microelectronic, automotive, beef, pork, poultry industries. He has been and continues to be instrumental in developing and implementing several industrial and modernization programs through the United Nation to European, Asian, and African countries. He is the first to introduce and implement unmanned flexible synchronous/asynchronous manufacturing systems the microelectronic and meat industries, and the first to incorporate advanced vision technology in a wide array of robot/micro-robot manipulators. Dr. Soloman was selected to deliver the US Presidential closing address, "Innovative Remote Sensors Technologies," at the Universal Design Conference, New York, USA

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