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"Additive manufacturing (AM), commonly referred to as 3D printing, is the process of creating three-dimensional (3D) solid objects by adding layers of one or multiple materials. This innovative technique is known for its free-form fabrication approach, resulting in a significant reduction in energy consumption and minimal material waste. Today, AM technology finds extensive application in various industries, including jewelry, footwear, industrial design, architecture, engineering, automotive, aerospace, dental, and medical sectors."--