Abstract

Additive manufacturing is a revolutionary process technology. While it has yet to bring about a dramatic transformation of the manufacturing system, there are early signs of how the characteristics of this novel production process can improve resource efficiency and other sustainability aspects as well. Besides sustainability perspectives, AM is also offering a lot of opportunities for local business. AM is unique manufacturing than traditional so researchers and engineers have improved the developments in this unconventional manufacturing process. This paper is a collection of works in the field of manufacturing technology, business, sustainability and developments. In this paper, experiment has explored the savings of time, energy, cost and usage of materials during additive manufacturing process of products.

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Index Terms

Computer Science

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Keywords

Additive manufacturing (AM), local business, sustainability