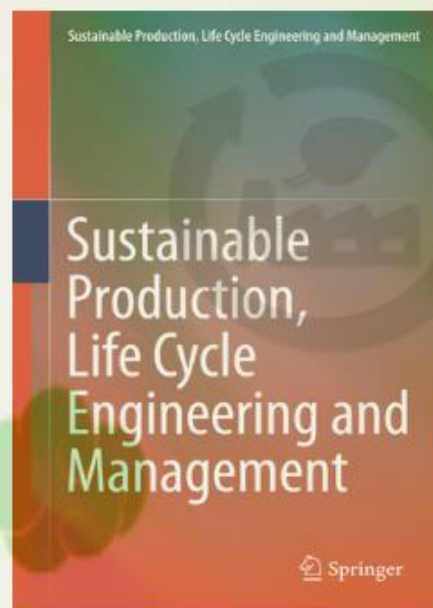


CALL FOR BOOK CHAPTER " SUSTAINIBILITY FOR 3D PRINTING "

Nowadays, sustainable manufacturing has attracted numerous manufacturing organizations to adopt economically-sound processes which can minimize the negative environmental impacts while conserving energy and natural resources. The 3D printing technologies have been considered as greener manufacturing methods as these allow the optimal use of the materials, therefore reduce the in-process wastes and also provide an opportunity of recycle the waste into useful feedstock systems. In addition to this, 3D printing allows engineers to explore new design practices, for instance, topology optimization, and creates avenues to develop more efficient and light weight parts. The amazing features of this emerging technology decrease hazardous emissions and cost associated in manufacturing, while opening the door for lowering manufacturing and inventory requirements.



(Scopus Indexed)

We are pleased to share that SRINGER NATURE has recently authorized for publication of a new edited book "Sustainability for 3D Printing". This book is aimed to capture the recent innovations in the sustainability, eco-friendliness, circular economy, supply chains, green-manufacturing, waste elimination, recycling, reuse, energy recovery, and waste to energy concepts of the 3D printing technologies. This book provides a unique platform to the eminent professionals to share their research outcomes on any of the following topics, but not limited to:

- Sustainability of 3D printing
- Recycling, reusing, and recovering using 3D printing
- Waste management
- Energy recovery
- Circular economy
- Waste to energy
- Environmental impacts of the 3D printing
- Optimization of the quality features
- Life cycle assessment
- Zero waste
- Supply chain management
- Acquisition of material, energy, and manpower
- Hybrid 3D printing
- Production yield and expenses
- Applications of sustainable 3D printing

If you agree to participate, please submit your book chapter proposal including tentative title, authors list, and abstract. The deadlines are as follows:

- Title, authors, and 1-page abstract– July 15th, 2020.
- Decision on the book proposal- July 21st, 2020
- Submission of full-length chapter – September 30th, 2020

Submission emails:

- pr33t.sandhu1994@gmail.com (Prof. Kamalpreet Sandhu)
- snprt.singh@gmail.com (Dr. Sunpreet Singh)

I hope that, with your help, we are able to create an excellent monograph, unique in its field.
We look forward to your response with great interest.

Sincerely Yours,

Prof. Kamalpreet Sandhu, Lovely Professional University, India
Dr. Sunpreet Singh, National University of Singapore, Singapore

Dr. Chander Prakash, Lovely Professional University, India

Prof. (Dr.) K. Subburaj, Singapore University of Technology and Design, Singapore

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