

Call for Book Chapters



Title: Sustainability in Industry 4.0: Challenges and Remedies

Publisher: CRC Press: Taylor & Francis Group

Final Book Publication: 2020

1. Introduction

The main aim of the book is to publish the well-written original research studies and articles that describe the latest research and developments in the area of engineering management.

A large and growing number of manufacturers are realizing substantial financial and environmental benefits from sustainable business practices. Sustainable manufacturing is the creation of manufactured products through economically-sound processes that minimize negative environmental impacts while conserving energy and natural resources. Sustainable manufacturing also enhances employee, community and product safety.

The book “Sustainability in Industry 4.0” gripped on a comprehensive range of techniques and theories of engineering and management applied in the field of Industrial Management. Various mathematical tools, techniques, strategy and methods in engineering management applications will be discussed in the chapters, which is the unique point of this book.

2. Recommended Topics

- Industrial sustainability; a review
- Industrial sustainability: challenges and remedies
- Tool to Support Sustainable Development of Small Industries
- Use of decision science techniques in industrial sustainability
- Sustainability of large-scale industries in global market
- Waste management in industries
- Role of suppliers in Industrial Sustainability
- Effect of proper supplier selection in industrial suitability
- Waste minimization in sustainable development
- Energy optimization in sustainable development
- Emergency and disaster Management
- Effect of Consumer Behaviour on Industrial Sustainability
- Effects of COVID-19 on Industrial Sustainability

3. Submission Procedure

Researchers, developers and practitioners are invited to submit their chapter proposals/abstracts (Maximum 1 page in PDF format) on or before **June 25, 2020** to shwetank.avikal@gmail.com and cc to amitrajsingh1@gmail.com and drmrswami@yahoo.com .

Please provide the following points in your proposals/abstracts:

- 1) Title of the contribution
- 2) Name of author, co-authors, institution, email-address
- 3) Content of the proposed chapter

Authors of accepted proposals will be notified by **June 30, 2020** about the status of their proposals.

4. Full Book Chapter

Complete chapters are expected to be submitted to shwetank.avikal@gmail.com by September 30, 2020.

- A book chapter can have up to 30 pages (up to 6000 words total).
- Guidelines on how to prepare the full book chapter will be provided on time.
- All submitted chapters will be reviewed.
- Contributors may also be requested to serve as reviewers for this project, up to two manuscripts.

5. Publisher

This edited book is scheduled to be published by CRC Press: Taylor & Francis Group. For additional information regarding the publisher, please visit www.crcpress.com. This publication is anticipated to be released in 2020.

6. Important Dates

The following timeline is anticipated:

- Proposal Submission Deadline: **25 June 2020**
- Notification of Acceptance: **30 June 2020**
- Full Chapter Submission: **30 September 2020**
- Review Results Returned: **31 October 2020**
- Revised Chapter Submission: **30 November 2020**

7. Inquiries

All inquiries are invited to send an email to shwetank.avikal@gmail.com .

8. Editors

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