



*******CALL FOR CHAPTER PROPOSALS*******

Book Title: "COMPUTATIONAL INTELLIGENCE FOR MANUFACTURING PROCESS ADVANCEMENTS"

Book Series: Chapman & Hall/CRC Computational Intelligence and Its Applications

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Publisher:

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Coverage:

We would request potential contributors to consider submitting valuable contributions for enriching the scholarly content of the intended volume. The volume will cover applications of different computational intelligence techniques, soft computing, machine learning algorithm, bio and nature inspired optimization techniques, simulation, MCDM software development in manufacturing and related domains in the following areas but not limited to:

- Additive manufacturing processes optimization using computational intelligence tools
- Application of Genetic Algorithms and Simulated Annealing in Process Planning Optimization
- Computational intelligence for cloud manufacturing
- Condition monitoring using computational intelligence
- MCDM software development and applications
- MCDM combined with soft computing tools
- Non-traditional machining process optimization using soft computing techniques
- Parametric optimization of machining performance using ANN, GA, PSO, ACO, BCO etc
- Plant layout optimization
- Performance analysis of smart manufacturing systems
- Reliability and maintenance analysis
- Solving machine loading problem
- Soft computing techniques in supply chain management and logistics

- Soft Computing for Optimal Planning and Sequencing of Parallel Machining Operations
- Support vector machines
- Swarm Intelligence in production management and engineering
- Web-based decision support systems

Important Dates:

Initial Proposal Submission (350 - 550 words) Deadline: June 30th, 2019

Notification of Acceptance: August 31st, 2019

Full Chapter (7,000 - 10,000 words) Submission Due: September 30th, 2019

Submission procedure:

Prospective authors are requested to submit their proposals (350 - 550 words) / full length chapters as an email attachment in word file to the following email address. The proposal should highlight the novelty and contribution of the chapter. All submitted chapters will be peer reviewed.

Dr. Prasenjit Chatterjee

Lead Editor

"COMPUTATIONAL INTELLIGENCE FOR MANUFACTURING PROCESS ADVANCEMENTS"

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Authors' guidelines:

Authors are requested to refer to the following link for detailed guidelines for chapter preparation:
https://www.crcpress.com/assets/download/TF_Text_Preparation_Instructions_Camera_Ready_v1_1.pdf

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