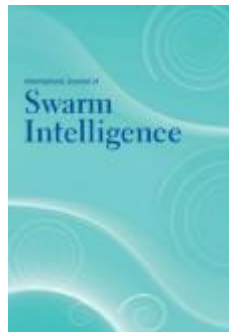# Call for Papers

Int. J. of Swarm Intelligence

Special Issue on: "Soft Computing Techniques for Engineering Applications"

Guest Editors:
Dr. Janmenjoy Nayak, Dr. G. T. Chandrasekhar, Sri Sivani College of Engineering, India first guest editor
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The modern era of advanced computing is still striving to develop consciousness-based machines. The methods used are quite close to the reasoning processes of humans. The insidious use of soft computing (SC) in diversified engineering applications makes it an essential tool in the development of products that have implications for human society. The term 'soft computing' refers to many useful techniques such as fuzzy logic, neural computing, probabilistic reasoning, evolutionary computation, etc. In recent years soft computing has been extended through the addition of many sub-disciplines, and it has become quite obvious that it is being frequently used in various engineering domains. In areas ranging from computer science engineering to other engineering domains such as electrical, civil, mechanical, etc., soft computing has become one of the premier choices for all researchers for solving complex and uncertain problems.

The main objective of this special issue is to cover both the theory and applications of various soft computing techniques embedded in diversified spanning fields of engineering and its subfields. It aims to provide an intellectual forum for researchers in academia and scientists and engineers from a wide range of application areas to present their latest research findings in soft computing techniques and identify future challenges in this novel combination of research areas.

Subject Coverage

Suitable topics include, but are not limited, to the following:

- Soft computing in knowledge discovery and data mining
- Soft computing in bioinformatics, computational biology, health and medical analytics
- Soft computing in power systems and energy
- Soft computing in machine learning and deep learning
- Soft computing in intelligent system modelling, design and computing
- Soft computing in big data
- Soft computing in pattern recognition
- Soft computing-based system identification
- Soft computing in engineering and design problems
- Soft computing in construction and transportation problems

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All papers *must* be submitted online. To submit a paper, please read our Submitting articles page.

If you have any queries concerning this special issue, please email the Guest Editors at:
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Important Dates

Manuscripts due by: *15 August, 2018*

Notification to authors: *15 October, 2018*

Final versions due by: *15 December, 2018*