

Special Session

On

Soft Computing Techniques in Health Care Domain: Techniques and Trend

At 11th International Conference on Soft Computing and Pattern Recognition (SocPAR 2019) Hyderabad, India, December 13-15, 2019

Aim and Scope:

Soft computing approaches play an important role in solving the different kinds of problems and provide good and satisfactory results. Due to popularity of these approaches, these are widely applied in healthcare data for predicting and diagnosing the diseases and obtaining accurate results in comparison to traditional approaches. Soft computing approaches have the ability to adapt itself according to problem domain and they maintain good balance between exploration and exploitation processes. These aspects make soft computing approaches more powerful, reliable and efficient.

The primary scope of this special session is to deliberate the progress and challenges of using innovative, novel, secure and smart soft computing solutions to health care domain.

We encourage innovative solutions applications using soft computing approaches in health care domain.

Topic of Interest includes, but not limited to

Application of Soft computing in health care, Techniques include

1. Evolutionary and swarm algorithms
2. Derivative-free optimization algorithms
3. Neural computing
4. Emotional intelligence
5. Hybridization of intelligent models/algorithms
6. Intelligent search
7. Fuzzy sets and fuzzy logic; rough sets

8. Ant colony optimization
9. Bee colony optimization
10. Intelligent planning

Important Dates

Paper submission due:

- September 01, 2019
- Notification of paper acceptance: October 15, 2019
- Registration and Final manuscript due: October 30, 2019
- Conference Dates: December 13-15, 2019

Paper Publications All accepted and registered papers will be published in AISC Series of Springer, indexed in ISI Proceedings, EI-Comdex, DBLP, SCOPUS, Google Scholar and Springer link

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