

Special Session on
Advances in Nature Inspired Algorithms for Engineering Optimization Problems

at

Fourth International Conference on
Frontiers in Intelligent Computing: Theory and Applications (FICTA 2015)

organized by National Institute of Technology, Durgapur
during **November 16-18, 2015** in Durgapur, India.

Important Dates:

Manuscript submission: May 15, 2015

Notification of acceptance/revisions/rejection: July 15, 2015

Aims and Scope:

A Special Session on **Advances in Nature Inspired Algorithms for Engineering Optimization Problems** will be held during the fourth International Conference on *Frontiers in Intelligent Computing: Theory and Applications (FICTA 2015)*. Nature Inspired Algorithms imitate some natural phenomena for solving the complex optimization problems. The interesting fields of engineering optimizations where Nature Inspired Algorithms are being used include data mining, big data analysis, image processing, speech recognition, video analysis, biometrics processing, etc. This special session aims to bring together researchers working in the field of applications of advanced Nature Inspired Algorithms to solve the complex Engineering Optimization Problems. Topics of interest include, but are not limited to, the following:

- Image Processing
- Document processing
- Load Forecasting
- Optimal power flow
- Data mining
- Job-Scheduling
- Security
- Software testing
- Adaptive filtering
- Material dynamics
- Bioinformatics
- Machine learning
- Path Planning
- Big data analysis
- Clustering
- Pressure Prediction
- Computer vision
- Other related topics

Paper Submission and Publication:

Authors are encouraged to submit their unpublished papers for this session through electronically via the [Easy Chair online submission system](#). Select the **SS1: Advances in NIAs for Engg. Opt. Problems** as session type during submission. All the research papers to be presented in this track will be published in the proceeding of AISC series of Springer. Further information regarding the paper submission can be obtained from the conference website

<http://nitdgp.ac.in/ficta2015/submission.html>.

Track Chair

Jagdish Chand Bansal, Email: jcbansal@gmail.com

South Asian University, New Delhi India.

Harish Sharma, Email: harish.sharma0107@gmail.com,

Rajasthan Technical University, Kota, Rajasthan.

Mukesh Saraswat, Email: saraswatmukesh@iiitm.ac.in,

Jaypee Institute of Information Technology, Noida, UP, India.