

Special Session on
Applications of Nature Inspired Algorithms in Engineering Optimization Problems

at

Third International Conference on

Soft Computing for Problem Solving (SocPros 2013)

Organized by Saharanpur Campus of Indian Institute of Technology Roorkee

Venue: Greater Noida Extension Centre of IIT Roorkee, India

December 26 - 28, 2013

A Special Session on **Applications of Nature Inspired Algorithms in Engineering Optimization Problems** will be held during the International Conference on **Soft Computing for Problem Solving (SocPros 2013)**. With reference to the present technological needs, the Nature Inspired Algorithms are being used extensively for solving the engineering optimization problems. The interesting fields of engineering optimizations where Nature Inspired Algorithms are being used include speech processing, video processing, biometrics, security, etc. This special session aims to bring together researchers working in the field of Nature Inspired Algorithms, Engineering Optimization Problems and Complex Engineering Systems. Topics of interest include, but are not limited to, the following:

- Clustering
- Image analysis
- Computer vision
- Load Forecasting
- Electricity Pricing
- Job-Scheduling
- Speech processing
- Optimal power flow
- Visual cryptography
- Power Quality Analysis
- Machine learning
- Material dynamics
- Path Planning
- Pressure Prediction
- Adaptive filtering
- Document processing
- Data mining
- Software testing
- Gesture recognition
- Bioinformatics
- 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Authors are encouraged to submit their unpublished papers for this session through electronically via the Easy Chair online submission system. **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://socpros13.scrs.in/>.

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