



Two days' Workshop on
**Swarm and Evolutionary Algorithms:
Theory and Applications**

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Jointly organized by

**Soft Computing Research Society and
Mathematical Colloquium, Maths. Department,
Indian Institute of Technology Roorkee, Roorkee
March 17 -18, 2018**



Schedule

| SATURDAY MARCH 17, 2018 | |
|--------------------------------|---|
| Time | Event/Topic |
| 8:00-9:00 | Registration |
| 9:00-9:15 | Inauguration |
| 9:15-11:00 | Dr. Swagatam Das, ISI Kolkota <i>Metaheuristic Approaches to Continuous Optimization - A Unified View, Modern Performance Measures, and the (Non-parametric) Statistical Perspectives</i> |
| 11:00-11:30 | High Tea |
| 11:30-1:00 | Prof. Kusum Deep, IIT Roorkee <i>Particle Swarm Optimization: Fundamentals, Advancements and Applications</i> |
| 1:00-2:00 | Lunch |
| 2:00-3:00 | Dr. Sabat Samrat, University of Hyderabad <i>Real Time Engg. Applications of Differential Evolution Algorithm</i> |
| 3:00-4:00 | Dr. Swagatam Das, ISI Kolkota <i>Quality Research and getting published in top-tier journals- some guidelines to chase the dream</i> |
| 4:00-4.15 | Tea |
| 4:15-6:00 | Lab Session - I |
| 7.30-9:00 | Dinner |
| SUNDAY MARCH 18, 2018 | |
| Time | Event/Topic |
| 8:00-9:00 | Breakfast |
| 9:00-10:45 | Dr. Jagdish Chand Bansal, South Asian University, New Delhi <i>Artificial Bee Colony Algorithm</i> |
| 10:45-11:00 | Tea |
| 11:00-1:00 | Dr. Nischal Verma, IIT Kanpur <i>Deep Learning and Deep Fuzzy Networks</i> |
| 1:00-2:00 | Lunch |
| 2:00-3:30 | Dr. Harish Sharma, RTU, Kota <i>Spider Monkey Optimization</i> |
| 3:30-3:45 | Tea |
| 3:45-5:30 | Lab Session - II |
| 5:30-6:00 | Closing Function followed by High Tea |

Venue:

Lectures: Bose Auditorium;

Labs: Computer Lab;

Catering; Dept. lawns.