

2-Day Hands-on Workshop on Metaheuristic Optimization in Multidisciplinary Research

DEPARTMENT OF ELECTRICAL ENGINEERING,
AU COLLEGE OF ENGINEERING (A), ANDHRA UNIVERSITY,
VISAKHAATNAM-530003, AP, INDIA

26-27th October 2018

<http://www.andhrauniversity.edu.in/>

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Metaheuristic optimization deals with optimization problems using metaheuristic algorithms. Optimization is essentially everywhere, from engineering design to economics. As money resources and time are always limited, the optimal utility of these available resources is crucially important.

Most real-world optimizations are highly nonlinear and multimodal, under various complex constraints. Different objectives are often conflicting. Even for a single objective, sometimes, optimal solutions may not exist at all. In general, finding an optimal solution or even sub-optimal solutions is not an easy task. This workshop aims hands-on training of metaheuristic optimization, as well as some popular metaheuristic algorithms under MATLAB programming environment.

Optimization problems are ubiquitous in all areas of science, engineering, applied mathematics, medicine and economics. Many real-world problems have been identified bearing several natures as of static, dynamic, multi-objective, and many objectives. Metaheuristic optimization methods have been widely used as an efficient computational tool to model the solution methods.

This workshop features a two-day hands-on TRAINING which includes academic sessions by experts to promote different aspects of metaheuristic algorithms under MATLAB programming environment. The workshop co-locates renowned researchers, academicians and industry professionals at one single platform, providing a unique opportunity to encourage collaborations in all areas of metaheuristic algorithms.

TARGET AUDIENCE

Faculty members, professionals and research scholars in engineering and related disciplines

IMPORTANT DATES

Registration Deadline: 24th October, 2018

Workshop Dates : 26-27th October, 2018

REGISTRATION FEE

- PhD Scholar/Student : INR 1000/-
 - Faculty : INR 1500/-
 - Industry participants: INR 3000/-
- * Registration is non-refundable

HOW TO REGISTER

The applicants can register to the workshop by sending an email with all details including details of on-line transfer to, k.vaisakh, a/c no.10228086340, IFSC:SBIN0003170, Visakhapatnam, AP. Email: momr.au2018@gmail.com

VENUE

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CONTACT DETAILS

The Convener, MOMR 2018

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