

Institute of Electrical and Electronics Engineers(IEEE) Hyderabad Section
Joint Chapter of IEEE CIS/ GRSS Societies
In collaboration with
Mahindra Ecole Centrale, Hyderabad
Presents

One day Workshop on
Differential Evolution - Implementations and Applications
Initiative of
IEEE CIS Task Force on Differential Evolution

Socially- and biologically- inspired optimization algorithms based on metaheuristics like Genetic Algorithms have some unique features which places them in the forefront of optimization methods for complex nonlinear multi-objective and multi-disciplinary problems. *Differential Evolution (DE)* is at the frontiers of these tools. This Workshop presents a 360° view of DE in terms of theory, novel applications, and mechanisms for acceleration and adaptation for all interested amateurs and practitioners.

DATE & Time:

Thursday 29th November 2017,
09:30 hrs to 16:30 hrs

Spot Registration : No Fee.

VENUE:

Mahindra École Centrale ,
Survey No: 62/1A, Bahadurpally
Jeedimetla, Hyderabad,
Telangana 500043

Agenda

Registration : 9:15 to 9:45 hrs
Inaugural by Director, MEC : 9:45
hrs to 10:00 hrs
Lectures : 10:00 hrs to 16:30 hrs

For queries please contact:

IEEE CI/GRS Jt. Societies chapter
Leadership

Naresh M, Chair,
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Prof. Ponnuthurai Nagarathnam Suganthan,
Fellow IEEE, Nanyang Technological University,
Singapore
Title --- **Differential Evolution - Past, Present**
and Future

Time : 10:00 hrs to 11:00 hrs

*This lecture is over Skype/Webex



Prof. Samrat Lagnajeet Sabat
School of Physics University of Hyderabad
Title --- **Differential evolution implementation**
in Hardware/Software

Time : 11:00 hrs to 12:15 hrs



Prof. Arya Kumar Bhattacharya
School of Engineering Sciences, Mahindra École
Centrale

Title --- **Applications of Differential evolution**
to resource allocation problems

Time : 13:30 hrs to 14:30 hrs



Prof. Janez Brest

Faculty of Electrical Engineering and Computer
Science, University of Maribor

Title --- **Self Adaptive Differential Evolution**
and Applications (over Skype/WebEx)

Time : 14:30 hrs to 15:30 hrs