

ONE DAY NATIONAL LEVEL WORKSHOP  
on  
**“Recent Advances and Trends  
in  
Engineering Optimization”**  
23<sup>rd</sup> January 2016



ORGANIZED BY

# MAHENDRA

INSTITUTE OF ENGINEERING AND TECHNOLOGY

Mahendrapuri, Mallasamudram (W),  
Thiruchengode, Namakkal - 637 503

Phone : 04288 288507

Fax : 04288 288506

## ORGANIZING COMMITTEE

### Chief Patron

**Thirumigu. M. G. Bharathkumar,**  
Chairman, Mahendra Educational Trust.

**Er. Ba. Mahendhiran,**

**Er. B. Maha Ajay Prasath,**

Managing Directors,  
Mahendra Educational Institutions.

### Patrons

**Dr. R. Samson Ravindran,**

Executive Director, Mahendra Engineering Colleges.

**Prof. C. T. Sivakumar,**

Executive Officer, Mahendra Engineering Colleges.

**Dr. J. Rajavel,**

Dean - Academics,  
Mahendra Institute of Engineering and Technology.

### Convenors

**Prof. R. Sugavanam,** HOD / Science and Humanities  
Academic Co-ordinator

**Mr. P. Boopathi,** HOD / Mechanical Engineering  
Mahendra Institute of Engineering and Technology.

### Co-ordinators

**Mr. K. Jagatheesan,**

Asst. Prof. / Electrical and Electronics Engg.

**Mr. P. Kathirvel,** Asst. Prof. / Civil Engg.

**Mr. V. R. Lenin,** Asst. Prof. / Mechanical Engg.

Mahendra Institute of Engineering and Technology.

## ABOUT THE INSTITUTION

With the Noble aspiration of educating the under privileged in the Salem and Namakkal district, **Mahendra Educational Trust** was launched in the year **1978** by the distinguished educationist and philanthropist **Shri.M.G.BharathKumar**. The trust sprints Eighteen educational institutions, early on from school, then Arts and Science college and to higher learning technical institutions amid its vision of imparting high standard of education, achieving academic and proficient excellence. The Trust is propped up by the Governing Council and Advisory committee associated with Policy affairs, Planning and Development actions of the educational Institutions.

Mahendra Institute of Engineering and Technology was launched in 2009 by the Mahendra Educational Trust. It is approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University Chennai. Currently we have seven undergraduate degree programmes and five postgraduate degree programmes in Engineering & Technology. With the commitment of the dynamic management, and the dedicated service of faculty, the Institution will bloom as a nodal Institution of excellence in near future. With modern class rooms and laboratories, computing facilities, Library, play facilities and Multipurpose Gymnasium, the students are provided with all round knowledge, hands on training with potential employability skills to become a readily employable engineering graduate in the ever growing changing scenario.



### About the Workshop:

This workshop focuses on opportunities to expose the advanced optimization techniques available in the research field on existing systems to meet the future challenges involving high resolution meteorological data in all fields of science and engineering domain. The workshop structure includes presentations of bio-inspired optimization techniques by invited experts pioneered in the field and also to share the expertise and experience gained by the faculties, research scholars, resource persons and students.

### Important Topics to be covered:

Introduction to Optimization Techniques for Engineering Applications, Natural inspired optimization techniques, advance optimization techniques and its applications and how to write an effective research paper.

### Target audience:

This workshop is mainly for the benefit of students of multi disciplinary backgrounds of UG final years, Post-Graduates, Researchers and young faculty members.

### Speaker:

**Dr. NILANJAN DEY,**  
Techno India College of Technology,  
Kolkata, West Bengal, INDIA.

### Visiting Scientist

Global Biomedical Technologies Inc., CA, USA.

### Research Scientist

Laboratory of Applied Mathematical Modeling in Human Physiology (LAMMHP),  
Territorial Organization Of- Sgientifig and Engineering Unions,  
BULGARIA

### Associate Researcher

Laboratoire RIADI, University of Manouba, TUNISIA.

### Editor-in-chief:

Int. J. of Rough Set and Data Analysis, IGI Global, US.

### Important Dates:

Receipt of Application by email/post : 13.01.2016

Intimation of selection by email : 20.01.2016

### Registration:

**Students : INR 250/-**

**Research Scholars / Faculty : INR 350/-**

As seats are limited, early registration is recommended. Working Lunch will be provided. No accommodation will be provided by the organizers. Participants have to make their own arrangements for their accommodation.

Please send the hard / soft copy of the registration form as per the format to

### The Co-ordinators

## “Recent Advances and Trends in Engineering Optimization”

**Mahendra Institute of Engineering and Technology,  
Mahendrapuri, Mallasamudram (W),  
Namakkal (Dt.) - 637 503, Tamilnadu, India.**

For registration related information, feel free to contact

**Email id: researchworkshopmiet@gmail.com**

Phone : 9952996424, 9445913396, 9487634595.

## One Day National Level Workshop on “Recent Advances and Trends in Engineering Optimization”

23<sup>rd</sup> January 2016 (Saturday)

### Registration Format

Name of the Participant :

Category of the Participant :

(Student / Researcher / Faculty)

Age and Gender :

Educational Qualification :

Designation & Department :

College Name :

Communication address :

E mail :

Phone Number :

### DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the Coordinator in case I am unable to attend the course.

Signature of the Participant

Place :

Date :

Signature of the  
HOD / Dean / Principal  
with seal