

**Two Days Workshop  
On  
Recent Trends in Optimization Techniques  
and its Applications  
5<sup>th</sup> & 6<sup>th</sup> December 2016**

**Registration Form:**

Participant's Name:

Gender :

Designation :

Department :

Organization :

Teaching/

Industrial Experience:

Address for Correspondence:

Phone number :

Mobile number :

E-mail :

Do you need Accommodation? YES / NO

**Registration fee Detail:**

Amount Rs:

DD No :

Date :

Bank :

Signature of the  
Applicant

Signature of the  
HOD/ Head of the  
Institution

Note: The registration form may be photocopied for additional requirement.

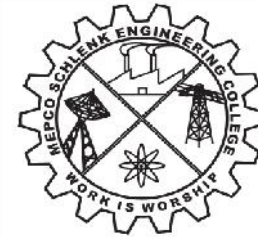
To

From

The Convener,  
Recent Trends in Optimization Techniques and its Applications,  
Department of Information Technology,  
Mepco Schlenk Engineering College, Sivakasi (Autonomous)  
Mepco Engg College Post - 626005  
Tamilnadu, India

**Two Days Workshop  
On  
Recent Trends in Optimization Techniques  
and its Applications**

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**Convener**

**Dr. T. Revathi**

**Organized By**

**Department of Information Technology,  
Mepco Schlenk Engineering College,  
Sivakasi (Autonomous)  
Mepco Engg College Post – 626005  
Tamilnadu, India**

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### About the Institution

- **Mepco Schlenk Engineering College(Autonomous)**, Sivakasi, a leading self-financing technical institution established in the year 1984 is affiliated to Anna University, Chennai.
- All Engineering programmes have been accredited by the National board of Accreditation(NBA), New Delhi under Tier I Category.
- Accredited by the National Assessment and Accreditation Council(NAAC) with A Grade.
- Won best engineering college award through ISTE for the year 1998 and 2005, based on the overall performance instituted by Bharatiya Vidya Bhavan, Mumbai.
- Received ISO 9001:2008 certification for Educational Services from M/s. DNV, Netherlands.
- Selected as a Center Of Relevance and Excellence (CORE) in Industrial Safety and was inaugurated by Dr.A.R.J. Abdul Kalam.
- Won the 2009 IMC Ramkrishna Bajaj National Quality Trophy and 2008 IMC Ramkrishna Bajaj National Quality performance Excellence Award in the Education Category.
- Ranked 43rd position by Outlook and 89<sup>th</sup> position by "THE WEEK" among National level Engineering Colleges including IITs and NITs, 2015.
- Got "AA+" Grade among the Engineering Colleges in South India 2015 by Digital Learning, May 2015.
- All departments are recognized as research center for pursuing Ph.D./M.S. by Anna university, Chennai.
- Undertaken 101 sponsored Research Projects, worth of more than Rs.10.6 crores from IGCAR, ISRO, DRDO, CSIR,DST, AICTE, TNSCST, MNES, MSME, BRNS, ARDB,MEPCO etc.,

### ABOUT THE DEPARTMENT

The department was started in 2001, and it has grown excellently in academic and research work. The department is supported by experienced and well qualified faculty members. More than 90% of the students have been recruited by the leading IT organizations in Campus Interviews. The department faculty members are currently doing research on Big Data, Network Security and Image Processing. Our students have received National & State Level Awards for the BEST PROJECT Development and Designing.

### Objective of the Programme

Optimization has experienced tremendous growth in the last two decades, and today, fundamental advances continue to occur at a furious pace. Soft Computing Techniques have been recognized as attractive alternatives to the standard, well established "hard computing" paradigms. Soft computing techniques, which emphasize gains in understanding system behavior in exchange for unnecessary precision, have proved to be important practical tools for many contemporary problems. Genetic Algorithm and Particle Swarm Optimization and other recent techniques have emerged as potential and robust optimization tools in recent years. The proposed program will be centered on the development and application of these modern trends in optimization.

### Course Coverage

The indicative pool of topics to be covered is as follows but is not limited to:

- Introduction to Optimization Techniques
- Constrained and unconstrained deterministic linear and non-linear programming methods
- Neural Network (NN) Techniques
- Fuzzy optimization Techniques
- Genetic Algorithm (GA) based Optimization Techniques.
- Particle Swarm Optimization (PSO) Technique
- Machine Learning Techniques
- Application of GA and PSO in various interdisciplinary real world problem

### Eligibility

Faculty members, research scholars and Industry professionals and PG students from Engineering and Arts and Science Colleges.

### SPEAKERS:

Resource persons from premier Educational Institutions & Host Institution.

### Important Dates

Last Date for Receipt of : 01.12.2016  
Application  
Intimation of selection by : 02.12.2016  
EMAIL

### Registration Fee

- Rs. 600/- for Academicians /Research Scholars and Rs. 500/- for PG Students
- Demand Draft should be drawn in favor of "Mepco Schlenk Engineering College" payable at Sivakasi. and it should be enclosed along with the registration form in the specified format.
- Lunch, Snacks and Registration kit will be provided to all the participants. Accommodation will be provided within the college campus on request at a nominal charge.

### LOCATION:

Nearest Airport : Madurai (60 KM)  
Railway Station : Virudhunagar (16 KM)  
By road : 15 KM from virudhunagar  
&  
11 KM from Sivakasi.

### ORGANIZING COMMITTEE

Dr. S.Arivazhagan, Principal & Patron  
Dr. T.Revathi, Sr. Prof. & Head/ IT, Convenor  
Dr. S.Rajesh, Asso. Prof/ IT., Coordinator  
Mrs. S.Haseena, Asst. Prof/ IT, Coordinator

### CONTACT

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