

MEPCO SCHLENK ENGINEERING COLLEGE

Application Form

(Please mail this form with DD to reach on or before 23rd May, 2019)

Name :
Gender :
Designation :
Industry/ Institution :
Educational Qualification :
Experience - Industry :
Teaching :
Accommodation needed? : Yes / No
Address for Communication :
Pin code :
Phone (Mobile) :
E-mail ID :
DD No.: Date:
Name of Bank:
Amount Rs.:1200/-

Signature of the Participant

Head of the Institute

(Xerox copies of the form may also be used)

National Advisory Committee

Dr.S.Arivazhagan, Principal, MSEC, Sivakasi
Mr S.Rajagopal FIE , Chairman, IE(I), Madurai Centre
Mr R.Narayanasamy MIE, Honorary Secretary, IE(I),
Madurai Centre
Mr. V.VijayaChandran Nair, Council Member, IE(I),
Dr. D.Vasudevan, Principal, PSNACET, Dindigul
Dr.S.Rajakarunakaran, Prof. & Head, RIT, Rajapalayam

Organising Committee

Convener - Dr.P.Nagaraj, HOD/Mechanical Engg.,

Co-ordinators

Dr.S.P.Asok, Sr.Professor,
Mr. R. Saravana Sathiya Prabhahar, Asst. Professor (Sr),

IMPORTANT DATES:

Last date to apply : 23-05-2019

Date of intimation : 24-05-2019

Filled up Application form with Registration fee is to be sent to:

Co-ordinators

Dr.S.P.Asok, Sr.Professor,
Mr. R. SaravanaSathiyaPrabhahar, AP (Sr),
Dept. of Mechanical Engineering,
Mepco Schlenk Engineering College (Autonomous),
Mepco Engineering College Post - 626 005,
Sivakasi, Virudhunagar District,
Tamil Nadu
Phone : 04562-235117, 235604
Mobile : 9443011358, 9786839186
E-mail : spasok@mepcoeng.ac.in
rsaravana@mepcoeng.ac.in

The Institution of Engineers (India)

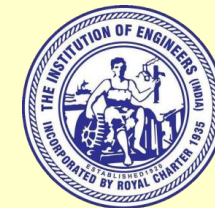
“99 years of relentless journey towards
Engineering Advancement for Nation Building”

Five Day All India Workshop on

“Basics in Computational Fluid Dynamics”

(28-05-2019 to 01-06-2019)

Organised By



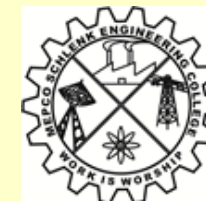
The Institution of Engineers (India)

Madurai Local Centre

Under the aegis of

Mechanical Engineering Division Board, IEI

In association with



**DEPARTMENT OF MECHANICAL ENGINEERING
MEPCO SCHLENK ENGINEERING COLLEGE**

(Autonomous Institution affiliated to
Anna University, Chennai)

Mepco Engineering College Post - 626 005,
Sivakasi, Virudhunagar District, Tamil Nadu.

About the Institution:

Mepco Schlenk Engineering College (Autonomous), Sivakasi is one of the leading institutions in India, towering high in academic excellence and research pursuits ever since its inception on 1984. College is accredited with "A" Grade by National Assessment and Accreditation Council (NAAC) of UGC, New Delhi. The Institute offers under graduate programs in 7 disciplines and post graduate programs in 11 specializations. It has collaborations with leading Industrial, Academic and Research organizations in India and abroad. The college is ISO 9001:2015 certified and all its UG Programs are accredited by NBA under Tier I category. Our College got 5th rank at National-level in Top Engineering Colleges of Eminence category in the CSR-GHRDC Engineering Colleges Survey June 2017 and 29th Rank among National Level Engineering Colleges including IITs, NITs, by Outlook Survey, May 2018.

About the Department:

Department of Mechanical Engineering was established in the year 1993 and offers one UG and two PG programmes. It has been recognized as Research Centre to have interaction with Anna University for collaborative research programme which leads to Ph.D. and M.S. degree by research and as Centre of Relevance and Excellence (CORE) on Industrial Safety by DST, TIFAC, New Delhi. The department has under taken projects worth of 3.15 crores from various Govt. and Quasi Govt. Organizations like DRDL, ISRO, DST, AICTE, IEI, MSME, etc.

About Institution of Engineers:

The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (fifteen) engineering disciplines with a membership of more than 820 thousand, and serving the nation for more than 9 decades. The IEI has its headquarters located in Kolkata with national

presence through more than hundred Centres and several Overseas Chapters, Foras and Organ.

PRELUDE

Computational fluid dynamics (CFD) is a branch of fluid mechanics that uses numerical analysis and data structures to analyze and solve problems that involve fluid flows. CFD is applied to a wide range of research and engineering problems in many fields of study and industries, including aerodynamics and aerospace analysis, weather simulation, natural science and environmental engineering, industrial system design and analysis, biological engineering and fluid flows, and engine and combustion analysis.

Workshop Objectives

- To provide the participants with basic understanding about computational fluid dynamics.
- To impart knowledge on the various discretization techniques.
- To provide the participants hands on training in CFD software.
- To solve fluid flow problems using CFD software.
- To throw insight about emerging areas for research in CFD.

Workshop Highlights

- This training programme includes Lectures by resource persons drawn from within and other premier technical institutes like **IIT, NIT, Tata Consultancy Services (TCS)**.
- In addition to the experts from the above institutions, Faculty members from the Mechanical Engineering Department of Mepco Schlenk Engineering College will impart their expertise.

Workshop Outcome

- ❖ Demonstrate knowledge about the basics of Computational Fluid Dynamics.
- ❖ Able to work with the various discretization techniques for the efficient use of CFD.
- ❖ Have a good understanding of the basics of CFD and its application in various engineering domains.
- ❖ Able to identify thrust areas in the field of Computational Fluid Dynamics for pursuing research.
- ❖ Have knowledge about the use of CFD software for the efficient simulation of engineering problems.

Targeted Participants

- ✓ Faculty Members
- ✓ Industrial Persons
- ✓ Research Scholars and PG students

Registration Fee:

The registration fee is **Rs.1200/-** per participant. It shall be paid through a demand draft drawn in favour of "The Principal, Mepco Schlenk Engineering College", payable at Sivakasi.

The registration fee includes lunch, refreshment and course materials for the participants.

Accommodation can be arranged on payment basis on request.