



MUKESH PATEL SCHOOL OF
TECHNOLOGY MANAGEMENT
& ENGINEERING

Three day workshop on "Wind Engineering"

**Is Arranged by Indian Society of Structural Engineers and Civil
Engineering Department of Mukesh Patel School of Technology
Management and Engineering, NMIMS, Mumbai**

**Date
18th, 19th 20th, Dec. 2017.**

**Venue :
Mukesh Patel School of Technology Management and
Engineering Mumbai Campus, 6th floor Seminar hall, behind
Homeopathy college Bhakti Vedant Swami Marg JVPD Scheme
Vile Parle (W) Mumbai - 400056**

**You are requested to kindly make it convenient to attend
registration can be send on E-mail
Tel: 022 24314423 /24314445
E-Mail : issemumbai@gmail.com**

Convener :

Dr. Tanuja Bandivadekar(MPSTME) Mr. Hemant Vadalkar (ISSE), Dr.

Organizing Committee

Prof. D.S. Joshi President,ISSE	Er.M. M. Nandgaonkar Treasurer,ISSE	Er. P.B. Dandekar Secretary,ISSE
Dr.N.T.Rao (Dean) MPSTME	Dr.R. A. Hegde (Head) Civil Engg. Department	Dr. S. Vichare (Professor) Civil Engg. Department

PROGRAMME

18th Dec. 2017.

09:00 am - 10:00 am : Registration
10:00 am – 10:30 am : Inauguration
10:45 am – 01:00 pm : **Fundamentals of Fluid Dynamics**
Dr. Eldoh from IIT Bombay
01:00 pm – 02:00 pm : Lunch
02:00 pm – 05:00pm : **Use of CFD for analysis** by Er. Rajiv Iyer, TCE

19th Dec. 2017

09:00 am – 10:30 am : **Fundamentals of Wind Engineering** by
Dr.Suresh Kumar
11:00 am – 12:30 pm : **wind Climate & Exposure Effects** by
Mr. Rahul PS
12:30pm – 01:30 pm : Lunch
01:30pm – 03:00 pm : **Architectural Aerodynamics** by Mr. Rahul PS
03:30 pm – 05:00 pm : **Building Motion & Dampers** by Dr. Suresh
Kumar

20th Dec. 2017

09:00 am – 10:30 am : **Wind Tunnel Testing** by Dr. Suresh Kumar
11:00 am – 12:30 am : **Wind Design of Structures** by Suresh
Kumar & Mr. Rahul PS
12:30 pm – 01:30 pm : Lunch
01:30 pm – 03:00 pm : **Case Studies** by Dr. Suresh Kumar & Mr. Rahul
PS
03:30 pm – 05:00 pm : **Question and Answers** by Dr .Suresh
Kumar & Mr. Rahul PS

About the Workshop:

Stay up to date on the latest practices in designing structures subjected to wind loads. The workshop primarily aims at familiarizing the participants with design of buildings and structures subject to wind loading. They will gain knowledge about the characteristics of wind forces and the types of structural responses.

Currently, there are several design philosophies including making use of experimental results, computer simulations to understand the performance of the structure. The major objective of the workshop is to practically train participants about the design and analysis procedures used in Civil Engineering industry for developing wind resistant structures as per latest revision of IS Codes.

Who should attend?

- Practicing Civil and Structural Consultants
- Academicians
- Students willing to take up Civil Engineering projects related to Wind Engineering

Resource Person:

- K. Suresh Kumar, Ph.D., P.Eng., M.ASCE: Principal and MD, RWDI – India.
- Prof. Eldow: Professor, Civil Engineering Department, IIT Bombay.
- Rahul PS, MESC: RWDI – India.

Workshop Summary:

This workshop will focus on disseminating fundamentals of wind engineering to practitioners and academicians. Various topics with real-life examples will be presented in layman's terms. At the end of the workshop, an open discussion will be carried out to alleviate doubts on any topics that we couldn't cover.

Biographical Sketch

Dr. T.I. Eldow: Prof. Civil Engineering Department, IIT Bombay.

Dr. T.I. Eldho is presently working as professor. Department of civil Engineering. at Indian Institute of Technology Bombay(IIT Bombay) He completed his Ph.D from IIT Bombay in 1995 and worked as a Post – doctoral Scientist at University of Karlsruhe. Germany During 1995–1998.During 1998-1999. He worked as a Consultant at Cambridge UK Further Dr. Eldho Worked as a Senior Research Fellow at National Taiwan University. Taipei during 1999-2000 In 2000, He returned to India and joined as a Faculty in the Department of civil Engineering IIT Kharagpur and then at IIT Bombay in 2001 In the last 10 years of his career at IIT Bombay he has supervised more than 10 Ph.D. theses and 30 Masters Project. He has Carried out large number of sponsored and Consultancy projects for various agencies and industries. He has more than 200 research papers to his credit in journals and Conference. He is also Reviewer for a large number of International journals. His research areas include. Application of Numerical method in water Resources and Environment Engineering Areas Computational Fluid Dynamics. Costal Hydrodynamics, Watershed Management, Groundwater flow and Pollution studies and Hydro informatics. Readers can contact him at eldho@civil.iitb.ac.in and can visit his Website <http://www.civil.iitb.ac.in/~eldho>

K. Suresh Kumar, Ph.D., P.Eng., M.ASCE

Dr.Suresh holds Master's, PhD and Post-doctorate degrees in Wind Engineering. Suresh is a senior wind engineering consultant currently serves as Principal and managing director of RWDI's operations in India. Suresh worked as a wind engineering consultant on many iconic structures around the world including the current tallest building in the world Burj Khalifa in Dubai. Suresh has a skilled team of over 30 engineers and staff, and the boundary layer wind tunnel facility at Trivandrum, India. Suresh is also a notable thought leader in his field, with an extensive history of publishing, lectures, and research.

Mr. Rahul PS, MESC

Rahul holds Master's degree in Wind Engineering from University of Western Ontario, Canada. Rahul is a specialist in wind engineering and worked at RWDI for 6 years. Rahul worked on numerous structures around the world solving wind related issues.

Participation Fees :

- **Non ISSE Member:** :Rs. 5000/-
- **ISSE Member:** : Rs. 4500/-
- **Faculty:** : Rs.3500/-
- **Students:** : Rs. 2500/-

Payment can be made by cash/Cheque/DD / NEFT In the name of "Indian society of Structural Engineers"

NEFT Details:-

Bank name : The Saraswat Co-operative Bank
A/C No : 331200100001891
IFSC Code : SRCB0000331
Branch : Orbit Eternia Lower Parel Shop No. 014 Ground Floor
N.M. Joshi Marg Mumbai - 400013

